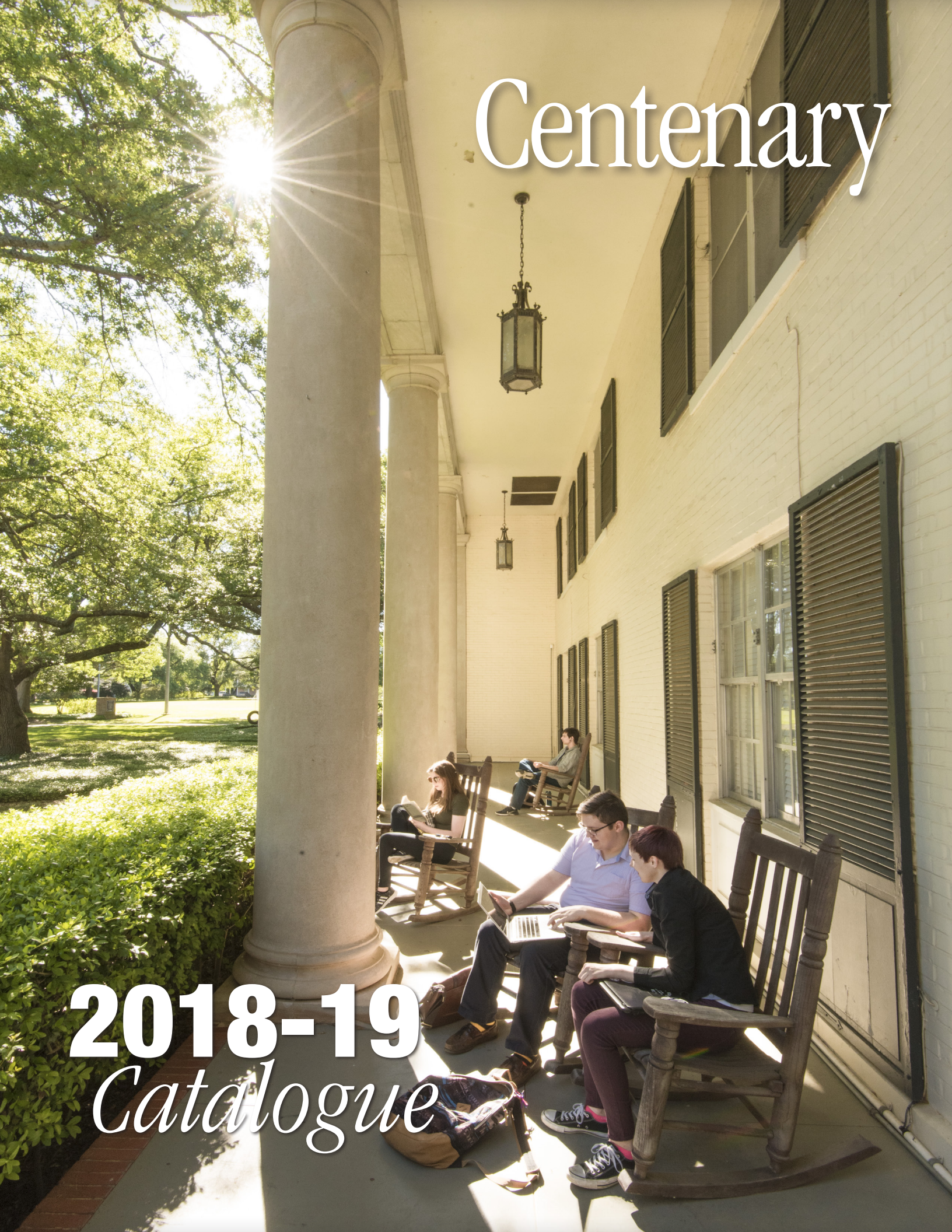
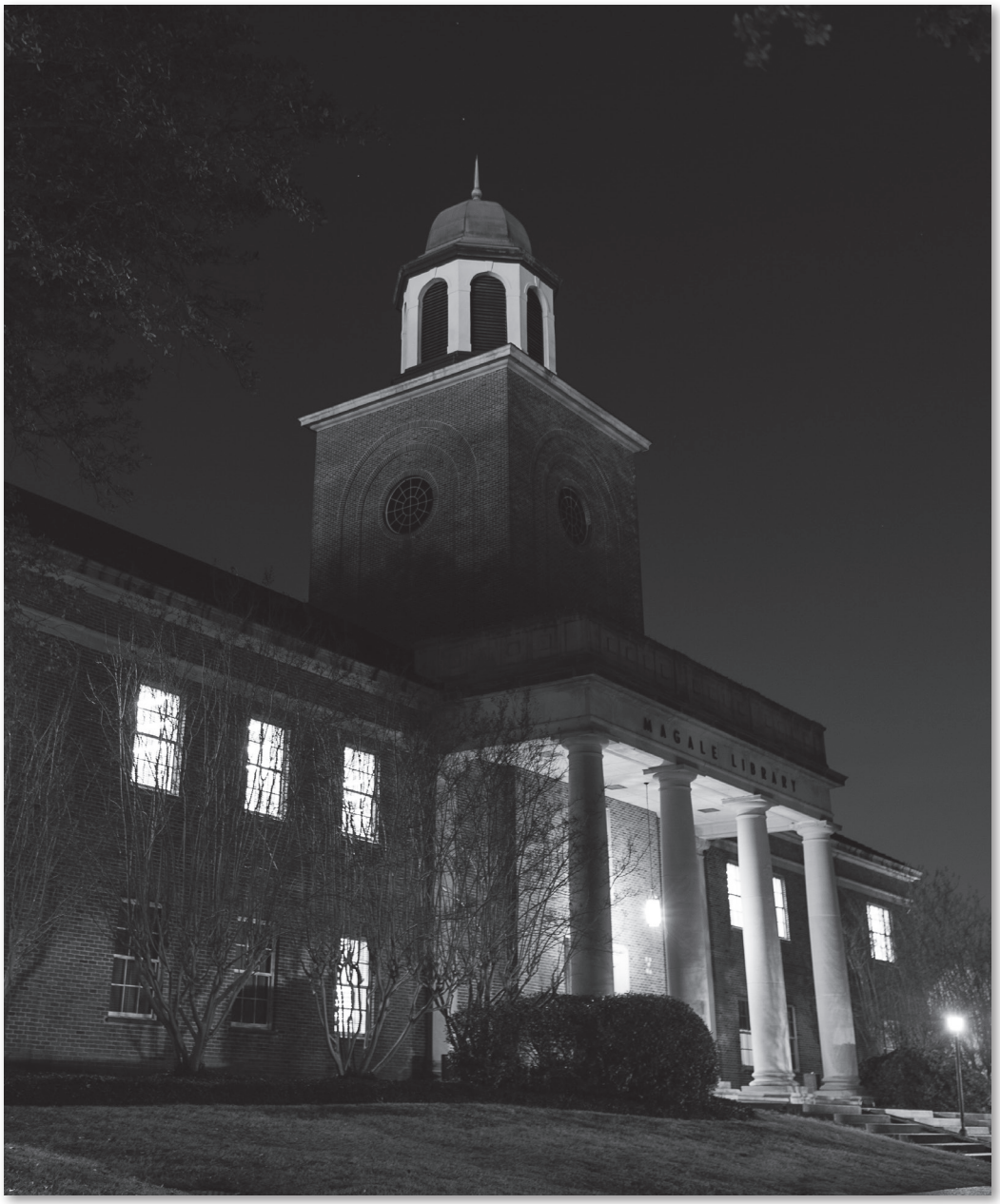


Centenary

2018-19 *Catalogue*

Centenary College of Louisiana
Undergraduate Catalogue
2018-2019



Centenary College is an equal opportunity educational institution. The College does not discriminate on the basis of race, color, creed, national or ethnic origin, religion, gender, age, marital status, disability, or sexual orientation, in the administration of its educational policies, recruitment or admission of students, scholarship, grant or loan programs, athletic or other College-administered programs, employment procedures, training programs, promotion policies or other related personnel practices. The College's designated coordinator for compliance with Section 504 of the Rehabilitation Act of 1973 and the Internal Revenue Service is the Vice President for Finance and Administration. The College designates a coordinator for compliance with Title IX of the Educational Amendments of 1972. The College follows the guidelines for records established by the Family Educational Rights and Privacy Act (1974).

Welcome to Centenary College

Dear Student,

I am pleased to be able to introduce the Catalogue of Centenary College of Louisiana. Its official purpose is to serve as the document of record for the offerings of the College. But I encourage you to see it as much more than that.

It is a landscape painting. Here is the broad picture of what Centenary has to offer. It is a canvas that extends across many academic disciplines from the sciences through the social sciences and professions to the humanities and fine arts. And like a painting by Pieter Bruegel (or Richard Scarry!), when you look closely you will find many people doing many interesting things within the landscape.

It is certainly a map. Here you will find the specific paths you will need to follow on your journey to your degree. While there are many ways to complete the trip successfully, we want to make sure you don't get lost!

It is a travel guide. As you make this journey, there will be opportunities that you might not be aware of. Electives will give you a chance to explore topics and activities far afield from your major. The possibility of studying in other cities or countries is here. Be sure to explore the areas that may not be directly on your chosen path.

It is a tapestry. There are bright threads that run through and are woven together to make the Centenary experience. The Trek program integrates your classroom experiences with opportunities to learn and serve in the community. Themes of Credo, Challenge, Community, Career, and Culture flow through our lives together.

It is an almanac. Need some basic facts about the College and the people that make it up? The catalogue is always a good place to start. We are proud of our faculty and staff, and of our history as the oldest chartered private liberal arts college west of the Mississippi. We are already planning our bicentennial celebration in 2025!

It is, finally and perhaps surprisingly, a snapshot. This is where Centenary is at this time and place. Even in the relatively short portion of the College's almost 200 years that you will be here, Centenary will change and adapt to the demands of the world around us. The liberal arts education you receive here will prepare you to do that, too, and to do it in a way that allows you to live out your own personal calling into a fulfilling, meaningful life.

On behalf of the entire Centenary community, I look forward to our journey together.

Forward, Centenary!

Christopher L. Holoman
President

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Academic Calendar 2018-2019

FALL SEMESTER

AUGUST TERM 2018

Residence Halls: Move in for students enrolled in August Term		Fri.	Aug. 3
Dining services open for students enrolled in August Term	5:00 p.m.	Fri.	Aug. 3
Class work begins	8:00 a.m.	Mon.	Aug. 6
Last day for enrolling, adding courses, or changing sections	Noon	Tues.	Aug. 7
Last for dropping courses or changing enrollment status	4:30 p.m.	Thurs.	Aug. 16
Class work ends		Sat.	Aug. 25
Opening Session for Faculty and Staff	11:00 am	Thurs.	Aug. 23
Faculty/Staff Development Day		Fri.	Aug. 24
August Term final grades due	Noon	Fri.	Aug. 31

FALL TERM 2018

Registration		Thurs.-Fri.	Aug. 23-24
Residence Halls: Move in for new and returning students Dining services open for all students	2:00 p.m. 5:00 p.m.	Sunday	Aug. 26
Class work begins	8:00 a.m.	Mon.	Aug. 27
President's Convocation	11:00 a.m.	Tues.	Aug. 28
Labor Day Holiday (Brunch and dinner services only)		Mon.	Sept. 3
Last day for enrolling, adding courses, or changing sections	Noon	Wed.	Sept. 5
Last day for removing incomplete grades from preceding Spring, May, Summer	Noon	Fri.	Oct. 5
Fall Break begins (Dining services close at 7:00 p.m.)	4:00 p.m.	Fri.	Oct. 5
Dining services open	5:00 p.m.	Tues.	Oct. 9
Classes resume	8:00 a.m.	Wed.	Oct. 10
Mid-term grades due	Noon	Fri.	Oct. 19
Last for dropping courses or changing enrollment status	4:30 p.m.	Fri.	Nov. 2
Thanksgiving Break begins (Dining services close at 7:00 p.m.)	9:30 p.m.	Tues.	Nov. 20
Dining services open	5:00 p.m.	Sun.	Nov. 25
Classes resume	8:00 a.m.	Mon.	Nov. 26
Christmas Candlelight Service		Fri.	Dec. 7
Preparation Week		Tues.-Mon.	Dec. 4-10
Class work ends	9:30 p.m.	Mon.	Dec. 10
Reading Day (No Classes)		Tues.	Dec. 11
Exams		Wed.-Fri. Mon.-Tues.	Dec. 12-14 Dec. 17-18
Dining services close	7:00 p.m.	Tues.	Dec. 18
Residence Halls close	9:00 a.m.	Wed.	Dec. 19
Final Grades due	Noon	Thurs.	Dec. 20

SPRING SEMESTER

SPRING TERM 2019

Registration		Thurs.-Fri.	Jan. 3-4
Residence Halls: Students return or move in	11:00 a.m.	Sun.	Jan. 6
Dining services open	5:00 p.m.	Sun.	Jan. 6
Class work begins	8:00 a.m.	Mon.	Jan. 7
Last day for enrolling, adding courses, or changing sections	Noon	Tues.	Jan. 15
MLK Day Holiday (Brunch and dinner services only)		Mon.	Jan. 21
Founders' Day	10:00 a.m.-1:00 p.m.	Thurs.	Feb. 14
Last day for removing incomplete grades from preceding August, Fall	Noon	Fri.	Feb. 15
Mid-term grades due	Noon	Wed.	Feb. 27
Mardi Gras Break begins (Dining services close at 7:00 p.m.)	4:00 p.m.	Fri.	Mar. 1
Residence Halls close	9:00 a.m.	Sat.	Mar. 2
Residence Halls open	11:00 a.m.	Sun.	Mar. 10
Dining services open	5:00 p.m.	Sun.	Mar. 10
Classes resume	8:00 a.m.	Mon.	Mar. 11
Last for dropping courses or changing enrollment status	4:30 p.m.	Wed..	Mar. 20
Research Conference (No Classes)		Tues.	Apr. 16
Good Friday Holiday		Fri.	Apr. 19
Classes resume	8:00 a.m.	Mon.	Apr. 22
Preparation Week		Mon.-Fri.	Apr. 22-26
Class work ends	4:00 p.m.	Fri.	Apr. 26
Exams		Mon.-Fri.	Apr. 29-May 3
Senior final grades due	Noon	Wed.	May 1
Honors Convocation (TENTATIVE)		Fri.	May 3
Baccalaureate and Commencement	10:30 a.m.	Sat.	May 4
Residence Halls: Move out for all students not enrolled in May Term	5:00 p.m.	Sat.	May 4
Dining services close for students not enrolled in May Term	7:00 p.m.	Sat.	May 4
All other final grades due	Noon	Tues.	May 7

MAY TERM 2019

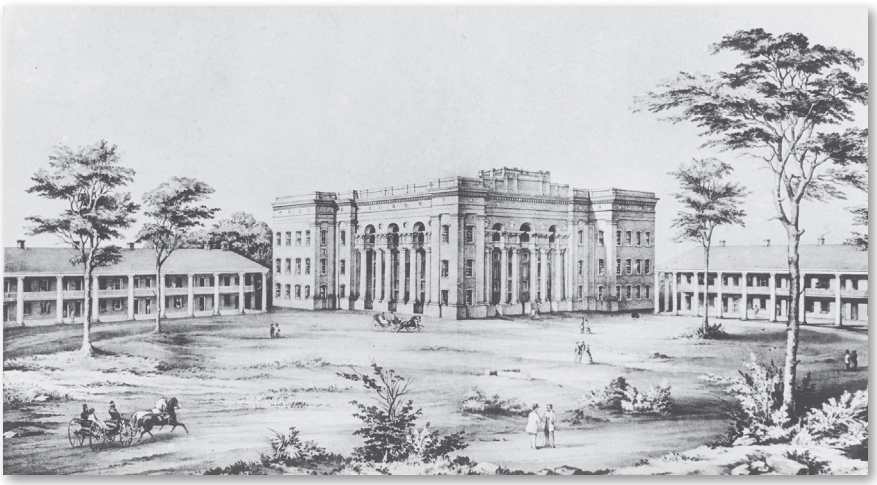
Registration		Fri.	May 3
Dining services open for students enrolled in May Term		Sat.	May 4
Class work begins	8:00 a.m.	Mon.	May 6
Last day for enrolling, adding courses, or changing sections	Noon	Tues.	May 7
Last day for dropping courses or changing enrollment status	4:30 p.m.	Mon.	May 16
Class work ends		Fri.	May 24
Residence Halls: Move out for students completing May Term		Sat.	May 25
Dining services close	7:00 p.m.	Sat.	May 25
Final grades due	Noon	Tues.	May 28

*President's Convocation – The 9:45–11:00 a.m. classes need to be dismissed no later than 10:30 a.m. Instructors for classes that start at 12:00 p.m. should inform their students ahead of time what time class will convene.

**Founders' Day – The 9:45 a.m.–11:00 a.m. class cancelled. Start of the 12:30 p.m.–1:50 p.m. class postponed until 12:45 p.m.

The Centenary Experience

History



Centenary College of Louisiana traces its origins to two earlier institutions — one public, one private. In 1825, the State of Louisiana founded the College of Louisiana in Jackson. In 1839, the Methodist conference of Mississippi and Louisiana established Centenary College to celebrate the one hundredth anniversary of John Wesley's first organization of the Methodist Societies in England. This institution opened its doors in Clinton, Mississippi and in 1840 moved to Brandon Springs. In 1845, it purchased the College of Louisiana, and the merged entity moved to Jackson as Centenary College of Louisiana. In 1908, after accepting generous gifts of land from the Atkins family, the Louisiana Methodist Conference relocated the college to its present home in Shreveport.

From its beginning, Centenary has offered its student body, which included women after 1895, a comprehensive liberal education in the arts and sciences. On this foundation, the College has since developed a wide array of pre-professional and a limited number of graduate programs.

Purpose (mission)

Centenary is a selective liberal arts college offering undergraduate programs and a limited number of graduate programs in the arts, humanities, natural sciences, and social sciences, which strengthen the foundation for students' personal lives and career goals. Students and faculty work together to build a community focused on ethical and intellectual development, respect and concern for human and spiritual values, and the joy of creativity and discovery.

Consistent with its affiliation with the United Methodist Church, the College encourages a lifelong dedication not only to learning but also to serving others. It strives to overcome ignorance and intolerance; to examine ideas critically; to provide an understanding of the forces that have influenced the past, drive the present, and shape the future; and to cultivate integrity, intellectual and moral courage, responsibility, fairness, and compassion.

In pursuit of these ideals, the College challenges its students throughout their education to write and speak clearly; to read, listen, and think critically; to comprehend, interpret, and synthesize ideas; to analyze information qualitatively and quantitatively; to appreciate the diversity of human cultures; to respect the value of artistic expression; and to recognize the importance of a healthy mind and body and the interdependence of people and the environment.

Academic and co-curricular programs, as well as the example of those who teach and work at Centenary, support students in their development and encourage them to become leaders in the work place, the community, the nation, and the world at large.

Accreditation

Centenary College of Louisiana is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate and masters degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Centenary College of Louisiana.[1]

Faculty

With a small student/professor ratio, the classes at Centenary range in size from thirty students in popular introductory courses to six or ten students in junior and senior seminars.

Centenary College is especially and justly proud of its faculty, many of whom are nationally and internationally known authorities in their fields of study. 96% of full-time instructional faculty hold terminal degrees. Members of the faculty and staff have earned the coveted key of Phi Beta Kappa and have the honor of membership in Omicron Delta Kappa.

Centenary professors have been awarded an impressive number of research fellowships and study grants by the American Council of Learned Societies, the American Philosophical Society, the Henry E. Huntington Library, the National Science Foundation, and

1 Also, the College maintains membership in the American Council on Education, the Association of American Colleges and Universities, American Association of Collegiate Registrars and Admissions Officers, the American Association of University Women, the Conference of Louisiana Colleges and Universities, the Council for Advancement and Support of Education, the Institute of International Education, the Louisiana Academy of Science, the Association of Departments of English of the Modern Language Association, the Association of Departments of Foreign Languages of the Modern Language Association, the National Association of Schools and Colleges of The United Methodist Church, the Associated Colleges of the South, and the Louisiana Association of Independent Colleges and Universities. Centenary College is a participant in the Common Application Program. The music program is accredited by the National Association of Schools of Music.

the National Endowment for the Humanities. Centenary faculty members have also been honored as Danforth Associates, Fulbright lecturers, national officers in professional associations, and visiting professors in American and European universities.

Shreveport Area

Shreveport is a mid-size city boasting big city amenities such as a symphony orchestra, opera company, metropolitan ballet, and vibrant community theater. A year-round calendar of events at the city's Festival Plaza means there's always a reason to celebrate—from Mardi Gras to Mudbug Madness to the Red River Revel Arts Festival, just to name a few. Downtown arts and entertainment districts also offer an eclectic mix of events, exhibits, and programming.

Campus Buildings and Gardens

The Centenary College campus, covering over 65 acres, lies just south of downtown Shreveport. It is known for the natural beauty of its grounds and the cohesive architecture of its buildings.

As you enter **Anderson Choral Building,** you are likely to be greeted with singing. Named in memory of G.M. "Jake" and Dr. Gertie Anderson, longtime trustees and benefactors of the College, the building houses the Nancy Mikell Carruth Choir Room, the Dr. Alberta E. Broyles Choral Room, and the Harvey and Alberta Broyles Choral Lounge. The Anderson building also contains a soundproof practice room and a striking atrium that offers a dramatic setting for public gatherings.

Brown Memorial Chapel hosts religious services and special events for the campus and community alike. Brown Memorial Chapel was provided through the generosity of the late Paul M. Brown, Jr., Chairman Emeritus of the Board of Trustees, and his brother, Colonel S. Perry Brown, a life member of the board, .

In addition to the College cafeteria, **Bynum Memorial Commons** features conference rooms such as the **Edwin Frost Whited Room** and the **General John Spencer Hardy Alumni Hall of Fame Room** which is named after Lt. Gen. Spencer Hardy '38 and can accommodate meetings of various sizes and purposes. A generous grant from the Frost Foundation in 2006 funded a renovation of the building named after New Orleans businessman and benefactor of the College Robert Jesse Bynum.

The **Centenary Square** building provides office and classroom space for the Education and Psychology Departments. The space is also home to Centenary's Department of Public Safety and a number of nonprofit agencies.

Named for Centenary's 29th President, the **Pierce Cline Residence Hall** offers residents suite-style living. Suite doors open onto the New Orleans style open-roof courtyard complete with centerpiece fountain and winding staircase.

Generations of Centenary students have enjoyed the beauty of the **Crumley Memorial Gardens**, a gift from Mr. and Mrs. Howard Crumley in memory of their son, David Howard Crumley.

The 3,000 sq. ft. oval-shaped **Feazel Instrumental Hall** is designed to allow tuning for various rehearsal and performance requirements. The facility is named in memory of Cynthia Day Feazel and Lallage Feazel Wall.

Located in front of the **Student Union Building**, the **Frost Memorial Fountain and Rose Garden** was a gift from Edwin Frost Whited in memory of his grandfather, Edwin Ambrose Frost.

The geodesic structure of the **Gold Dome** marks the home of Centenary athletics. Go Ladies and Gents!

Hamilton Hall contains the administrative offices of the College. The building was largely the result of gifts by Mr. and Mrs. David Philip Hamilton. A trustee of the College, Mrs. Hamilton was a member of the first class to graduate in Shreveport.

John A. Hardin Memorial Residence Hall is the namesake of a former dean and professor of mathematics at Centenary. It enjoys a location next to Jones-Rice Field and convenient to the cafeteria and the Student Union Building.

A joint project between donors and a Human Relations Class added lighting and other upgrades to **Jones-Rice Intramural Field**. Following this collaboration, the space was dedicated in memory of Marshall Carl Jones and Alexander Rice, grandfathers of donors James Marshall Jones, Jr. and Marshall Carl Rice. The John H. Meldrum, Jr. family and Samuel P. Peters, Jr. also contributed to the project.

The curve of the **Hargrove Memorial Amphitheater** rises gracefully from the quiet beauty of the Centenary campus. The site of outdoor concerts and plays, the facility was a gift of Mrs. R. H. Hargrove and her children in memory of their husband and father, Mr. Reginald H. Hargrove.

The **Centenary Fitness Center and Natatorium** features a 25-yard, six-lane pool and a full-size basketball court on the main level. The second floor offers state-of-the-art exercise equipment, racquetball courts, aerobic room, dance studio, and indoor running track. The facility is an expansion of the former W. A. Haynes Memorial Gymnasium, named for a Shreveport oilman who was a generous benefactor in the 1920s and 30s.

A wide variety of plantings in the **Hodges Rose Garden** makes this a peaceful setting for study or relaxation. Gifts from Mr. and Mrs. G. W. James established and endowed the garden in memory of Mrs. Addie Reynolds Hodges and Mrs. Maggie Hodges James, the grandmother and mother of the donors.

The **Ed E. Hurley Memorial Music Building** is home to the Gladys Hurley School of Music, both named to honor the memory of long-time Centenary patrons. The building also houses the Gladys Hurley Memorial Music Library and Anderson Auditorium, named in honor of Board of Trustees Chairman Emeritus William G. Anderson and Mrs. Anderson and Mr. and Mrs. Henry Feazel Anderson.

The Frost School of Business and the English Department call **Jackson Hall** home. Named for Jackson, Louisiana, the original location of Centenary College, the building stands on the site of the first Jackson Hall which was built in 1908. A complete renovation of the second Jackson Hall was funded through a grant from the Frost Foundation. Gifts from individual donors furnished and endowed the offices and classrooms.

A gift from the James family of Ruston, Louisiana, funded construction of the **T. L. James Residence Hall**. The lobby that connects the two sections of the building is the largest on campus and a popular meeting place for both informal and scheduled activities.

The arboretum occupying the heart of the Centenary campus, established with the backing of Mr. and Mrs. Harry Balcom, is home to more than 300

species of plant life. On the 25th anniversary of the arboretum's founding, it was officially renamed the **Dr. Ed Leuck Academic Arboretum**.

Marjorie Lyons Playhouse is headquarters for Centenary's Theatre Department. This professionally equipped theatre, a gift of Charlton H. Lyons and his family, is a focal point of Shreveport-Bossier's vibrant theatre community.

Its bell tower familiar as a prominent graphic element in Centenary publications, the **John F. Magale Memorial Library** commemorates John Magale, a Shreveport oilman and major contributor to the College during his lifetime.

The **Lewis E. Mayo III Soccer Field** is dedicated to the memory of the Houston, Texas, firefighter and father of a Centenary alumnus who died in the line of duty in 2000.

Alumnus Algur H. Meadows donated funds to transform the building at the campus entrance into the **Meadows Museum of Art** and provide a venue for permanent display of the Jean Despujols Collection of Indochinese Art.

The **Joe J. Mickle Hall of Science** bears the name of the man who served as Centenary's President from 1945-1964. Aspiring scientists attend lectures in the **Ken and Celia Carlile Auditorium**, dedicated to the memory of geology professor Austin A. Sartin, and conduct experiments in the Barrow physics laboratories, furnished by W. Russell Barrow in honor of his mother, Addie Johnson Barrow.

Located in the center of campus, the **Randle T. Moore Student Union Building** (the SUB) was completed with a gift from its namesake. The building contains the campus bookstore, a café, the campus post office, and Student Life and student organization offices.

The **Ratcliff Gazebo** sits in the gardens located between Mickle Hall and the Fitness Center. Donated by Jack Bailey, Jr. in memory of his mother, Mrs. Virta Moore Bailey '37, the gazebo is a historic Shreveport landmark originally located at Kings Highway and Fairfield.

Prospective students visiting the Admission Offices in the **Samuel P. Peters Building** will find memorabilia of author Jack London displayed in the lobby. Centenary's Jack London Research Center is one of the largest repositories for secondary London material in the world. Trustee and 1939 alumnus Sam Peters contributed funds for the building.

Riggs Memorial Plaza features a large fountain and waterfall amid landscaped gardens. Benches surround an area paved with leadership bricks engraved with the names of prominent Centenary alumni past and present. Dr. Leonard M. Riggs, Jr. '64 dedicated the plaza and gardens in memory of his parents, Leonard M., Sr. '28 and Fleeta Walker Riggs, and grandparents, Rev. Samuel L. and Adah M. Riggs.

The **Rotary Hall Suites**, originally constructed with assistance from the Rotary Club of Shreveport, provide apartment-style living for upper division students.

Named for Centenary's president from 1922 to 1932, the **George S. Sexton Memorial Residence Hall** is conveniently located next to the cafeteria in Bynum Commons. Students choosing Sexton as their residence live in two-room suites that share a residential-style bathroom.

The **W. Peyton Shehee, Jr. Memorial Baseball Stadium** is dedicated to and named in honor of longtime Centenary benefactor and supporter of the athletic program Peyton Shehee.

The Louisiana Conference of the United Methodist Church funded the **Dean R. E. Smith Building** and named it for Dean Smith, a Centenary professor of Biblical literature for 29 years. The Smith Building contains the offices of the Religious Studies Department, the Christian Leadership Center, Career Services, Integrated Advising, and the Philosophy Department. The Nellie P. Kilpatrick Auditorium, named for a woman elected Honored Trustee by act of the Board of Trustees, is a popular venue for convocations and lectures.

In addition to faculty offices and classroom space for the Department of Art and Visual Culture, the **Sydney R. Turner Art Center** offers gallery space to exhibit works by student and community artists. A gift from alumnus and art collector Sydney Turner funded the renovation of this former President's House.

The **Irene K. Wright Building** is named in honor of a 1938 alumna who would have dropped out of college had it not been for the efforts of a caring mathematics professor, Mr. Gerard Banks. In gratitude, Mrs. Wright made a generous estate gift to the College, enabling Centenary to purchase the building and remodel it for the Department of Mathematics.

Life on Campus

The Student Development Division is composed of the Office of the Dean of Students, Residence Life, Student Involvement, Career Services and Integrated Advising, and Community and Intercultural Engagement. Student Development's mission is to enhance the academic climate of the campus by contributing to the intellectual and interpersonal development of the students in both curricular and co-curricular realms.

The Student Development Office is a resource for student concerns, supports students in all aspects of their lives, and assists students in their development as individuals and as members of the community. Students are encouraged to address problems, concerns, complaints, or recommendations to any member of the staff. Student Involvement and Residence Life are also located in the Student Union Building. Counseling Services and Health Services are located in Rotary Hall. Recreational Sports and Intramurals are located in the Centenary Fitness Center.

Athletics

Centenary sponsors fifteen varsity and three club sports. Men's sports include baseball, basketball, golf, lacrosse, soccer, swimming, and tennis. Women's Sports include basketball, golf, gymnastics, soccer, softball, swimming, tennis, and volleyball. Centenary is a member of the National Collegiate Athletic Association (NCAA) and the Southern Collegiate Athletic Conference (SCAC). The Southern Collegiate Athletic Conference is made up of schools across Texas, Louisiana, and Colorado and will provide great regional competition for Centenary's student-athletes.

Career Services and Integrated Advising

The office of Career Services serves as the bridge between students' college experience and post-college plans, helping students apply the skills and experiences gained at Centenary to reach the next step of graduate school or a career. With the mentoring students receive as they learn to integrate purpose and passion, personality, strengths, values, and academic interests, they can more readily choose a major, change a major, or develop professional goals. The office also coordinates the Trek|Career experience which includes offering Career Strategies classes and mentoring students through independent internships and guided research.

Integrated Advising supports students as they adjust to college life and serves as a "bridge builder" between the student and the college. Even before setting foot on campus, the Office connects with incoming students to coach them in campus engagement and professional discernment. Throughout students' years at Centenary, Integrated Advising provides personalized and holistic support by connecting them with resources and opportunities to assure student success.

Community Engagement

The office of Community Engagement integrates service to the greater community with classroom instruction, connects service to academic content, and encourages personal reflection. Community Engagement also supports a number of programs allowing students, faculty, staff, alumni, and other Centenary community members to perform meaningful service throughout the local and global community.

Counseling Services

Counseling Services, located on the ground floor of Rotary Hall, is available to provide short-term confidential counseling for students enrolled at Centenary. The Chaplain is also available to assist students with short-term needs. These resources are able to refer individuals to community resources and facilities when necessary. Call (318) 869-5466 for Counseling Services or go to centenary.edu/life/counseling or the Chaplain at (318) 869-5029 or centenary.edu/student-life/student-activities/religious-life/.

Disability Services for Students

Centenary assures students with disabilities equal opportunity to reach the same level of achievement as other students in the most integrated setting appropriate to the individual's needs. No qualified student shall be excluded from participation in, be denied benefits of, or otherwise be subjected to discrimination under any program or activity. Services for students with disabilities are coordinated through the Office of Counseling and Disability Services, located on the ground floor of Rotary Hall, phone number (318) 869-5466 or at centenary.edu/student-life/support-services/disability-services/.

Film

The Centenary Film Society, a student-faculty group sponsored by the English Department, offers to the campus and the community a wide variety of classic and contemporary films. The Film Society offers narrative, experimental, animated, and documentary films weekly and Film Festivals monthly while the College is in session.

Greek Life

Greek social organizations at Centenary College are comprised of six national fraternities: Alpha Phi Alpha, Kappa Alpha, Kappa Alpha Psi, Kappa Sigma, and Tau Kappa Epsilon; and two national sororities: Chi Omega and Zeta Tau Alpha. In addition to encouraging academic excellence, the Greek system provides opportunities to form lifelong friendships, develop leadership skills, and participate in community service projects and social activities.

Health Services

Health Services is a walk-in clinic that provides basic first-aid services, over-the counter (OTC) medication, and referrals to health professionals.

Full-Time Students: All full-time students are required to provide state required immunizations by going online to https://safe.centenary.edu/newstudent/immunizations

Part-Time, Graduate and Non-Degree Seeking Students: These students are required to fill out a Proof of Immunization form which is obtained through the Admission Office, Office of the Registrar, Frost School of Business, or Education Department.

Sickness Benefit Plan: Full-time students are automatically enrolled in a Student Accident and Sickness plan. Additional information can be obtained by visiting centenary.edu/life/health or by contacting Health Services at (318)869-5466.

Referrals: Students who desire professional health care will be offered assistance in locating providers within the area. Health Services can make referrals for physicians, dentist and mental health professionals.

Honor System

All students are bound by the Honor System which is applicable to all academic work. The Honor Code is administered through an Honor Court composed of student justices who are elected through nominations from both faculty and students. The complete Honor Code is stated in the Honor Court Constitution contained in the ***Centenary College Student Handbook***. The Honor System is based upon the premise that honor is fostered, not forced, and that it can be fostered only through the willing and earnest efforts of both faculty and students.

Intercultural Engagement

The Office of Intercultural Engagement (OIE) leads students in integrated learning opportunities by guiding them through intentional reflection on cultures different than their own, service to their local and global communities, and diverse perspectives that enhance their view of the complex and ever changing world around us.

Library and Information Services

As one ascends the concrete steps of Magale Library, one enters a global learning environment constantly changing in profile and aspect, aided by a customer service oriented library staff functioning in an emergent educational environment. The library provides wireless throughout the building, as well as vending machines, an art gallery, a multimedia movie room, movie and documentary DVDs, digital scanners, copier, comfort seating, large and small study group areas, and computer classroom labs. Supplementing the core collection, Magale provides in-library and off campus access to full-text journal resources and online databases for research. Additionally, Magale has a world-wide, active Interlibrary Loan service. Information Literacy classes are offered by the Reference/E-Resources Librarian. Also located within the library is the Centenary College of Louisiana Archives and Special Collections whose mission is to collect, preserve and make available the historic records of the College and the Louisiana Conference of the United Methodist Church.

Meals

All residential students are required to have a meal plan. There are several meal plan options available. The college meal program is under the direction of Sodexo Campus Services. Students on the board plans are provided meal service in the Bynum Commons Dining Hall and at Randle's, our retail location (including Coffee and Smoothie Bar) in the Student Union Building. Commuter students are not required to purchase a meal plan; however there is a Commuter Meal Plan option. Additionally, commuter students may open a Declining Balance account.

Hours of operation are posted at each dining location and online at the Centenary Dining website. Here one will find links for access to a Registered Dietitian, determining the nutritional data for a variety of our menu items, healthy eating tips and making smart choices for one's health. With a recommendation from a physician, accompanied by a listing of specific dietary needs, special diets may be approved and provided by the General Manager of Dining Services.

Media

Student talent and opinion find expression in *The Conglomerate*, the student newspaper; *Pandora*, a student-led design group; and in the French language newspaper, *Le Tintamarre*. Written and edited by students, these media are financed by advertising and the Student Government Association.

KSCL (91.3 FM) is the student managed and operated radio station broadcasting 24 hours a day, 7 days a week. The station offers open format, educational, and French and Spanish language programs; Centenary College collegiate athletic events; and both local and international public service programming to the Shreveport/Bossier City metropolitan area. KSCL is a member and an outlet for Public Radio International and meets all requirements and regulations of the Federal Communications Commission governing non-commercial public radio stations.

Music

The Gladys F. Hurley School of Music provides opportunities for both music majors and non-majors to participate in campus musical organizations. Any student may audition for any music ensemble. The School of Music gives many concerts throughout the year and frequently hosts concerts by other groups, such as the Baroque Artists of Shreveport, and the Shreveport Symphony Chamber Orchestra. The international Nena Plant Wideman Piano Competition takes place at the Hurley School of Music each December.

Passport Points

The Passport Points program assists students in participating in an approved international educational travel opportunity. Each Point is redeemable for one dollar toward offsetting travel costs related to approved international educational experiences – up to 2,000 points. Students are able to earn points for attending pre-approved events and programs such as cultural events and convocations. Only full-time undergraduate students in good standing attending Centenary for at least one academic year are eligible to redeem their points.

Religious Life

Centenary College offers a variety of religious life opportunities coordinated through the Chaplain's Office. Weekly religious life events are offered by the following: Stepping Stones, an ecumenical student-led Christian worship service; Lighthouse; the United Methodist Student Movement; Baptist Collegiate Ministry; Canterbury House, the Episcopal Church on the Centenary campus; Catholic Student Organization and Fellowship of Christian Athletes. There are also a number of small group gatherings for Bible study and accountability on campus. Brown Memorial Chapel is open daily from 7:30 a.m.-8:00 p.m. for prayer and meditation. The Chaplain's Office also promotes interfaith dialogue and programs. For more information regarding the individual organizations, please visit Centenary's Religious Life web page, centenary.edu/religiouslife, or contact the Chaplain at (318) 869-5156.

Residential Living

The environment in the residence halls is one of living and learning. A vital part of the student's total educational experiences are the relationships that develop from living and sharing with others in the residence halls. Residential students participate in making decisions affecting their environment and are assisted by the Residence Life staff who work in unison with the students to maintain an environment conducive to academic success and personal growth. Each of the residential rooms is furnished with beds, desks, chairs, bureaus, and closets, and is conveniently located to other areas of campus. Each building also offers study rooms, laundry facilities, cable television, phone services, wired and wireless internet access and lounges.

For more information regarding Residence Life, please go to the following page: centenary.edu/reslife.

Service and Departmental Organizations

Students may become more directly involved in campus life through participation in departmental clubs, honor societies and other campus organizations. Other opportunities for involvement include the Centenary Activities Board (CAB) and Student Government Association (SGA). All organizations are listed on the Centenary College website at centenary.edu//life/involvement/organizations.

Special Events

Students enjoy guest lecturers and entertainers representing all the arts. All-campus dances, professional entertainment, all-campus revues, and all-campus weekends involve the entire community of the College.

Centenary also participates in the Woodrow Wilson Visiting Fellows Program, which each year brings distinguished lecturers to the campus. The fellow spends a week meeting classes, dining with students and faculty, hosting informal sessions with students, and giving an address open to the public. Outstanding diplomats, journalists, corporation executives, and politicians have visited the College as part of this program.

Student Government

Centenary College supports and encourages participation in student government. The officers and members of the Student Government Association are elected representatives of the entire student body. In addition to Student Government, appointed students serve as voting members on most committees of the college. The Student Government Association's Vice President for External Affairs makes these committee appointments. The College has delegated considerable authority to the Student Government Association.

Student Involvement

The Student Involvement Office provides students with many opportunities to get involved in activities, programs, and services at Centenary College. The office serves as a resource center for information about campus activities, as well as student organizations. The Student Involvement Office is located in the lower level of the Student Union Building (SUB).

Student Resource Center (SRC)

The purpose of the Student Resource Center (SRC) is to coordinate, direct, and enhance the various resources that provide students with academic support. Designed to help all Centenary students improve their academic performance in a variety of subjects, SRC tutors provide peer assistance in one-to-one and small group settings. In addition, the SRC provides study skill and effectiveness workshops and personal sessions with students to create plans for improving their academic work. For more information about the SRC, visit centenary.edu/SRC.

Student Union Building

The Moore Student Union Building (SUB) is located in the center of campus. The main floor of the SUB houses the offices of Centenary Activities Board and the Student Government Association, as well as Student Involvement, the College Store, and Randle's Place. The offices of the Dean of Students, the Administrative Assistant for the Division of Student Development (or Student Development Division), and Residence Life, as well as the Post Office, are located in the lower level. The upper level provides space for the faculty lounge, offices for the student media, as well as the Student Senate meeting room.

The SUB offers a comfortable atmosphere for studying, relaxing, and visiting with friends. Table tennis and pool table equipment along with games are available. Gaming systems are available for check-out from the Information Center desk during open hours.

Theatre

A significant contributor to the Shreveport-Bossier arts community for over fifty years, the Marjorie Lyons Playhouse features state-of-the-art equipment (light, sound, and stage), a greenroom, dressing rooms, courtyard, and space for workshops. The Playhouse features an expansive stage, 317 seats, and box office. MLP has played host to musicals, plays, concerts, forums, and political debates.

Wellness and Intramurals

Centenary provides a broad, general program of physical fitness. The Centenary Fitness Center and Natatorium contains a basketball/volleyball court, a 6-lane 25-yard swimming pool, an indoor track, an exercise area with weight machines and cardiovascular equipment, an aerobic room, a dance studio, and two racquetball courts. The center also offers exercise classes, such as spinning, abs, yoga, and Pilates. Contact the Fitness Center for the current schedule of classes.

Intramural activities are also offered through the Fitness Center. Some of the sports the students participate in are flag football, outdoor soccer, volleyball, basketball, softball, racquetball, swimming, just to name a few.

If students would like to get involved in fitness center or intramural activities, visit centenary.edu/fitness.

Admission

Undergraduate

Centenary College offers admission to qualified applicants without regard to race, color, gender, age, disability, religion or national origin. The College seeks first-time and transfer students who possess a high degree of intellectual curiosity, competitive academic backgrounds, refined talents and skills, along with a serious commitment to the pursuit of a liberal arts education. Even though academic achievement and potential are important in the evaluation process, a student's character, maturity, originality, aptitude, determination, leadership skills, special interests and talents are also significant factors in evaluating candidates for admission and scholarship selection.

Prior to making the transition to Centenary, students should take college preparatory and advanced course work in high school. Most candidates for admission have participated in accelerated academic programs or have enrolled in additional academic units (when available). Applicants are strongly encouraged to complete a minimum number of units in certain academic subjects:

4 units of English
3 units of math (algebra I and II, geometry, or equivalents)
3 units of social science
3 units of natural science (at least two with lab, when available)
2 units of foreign language (in the same language)

Requirements for Admission

Admission to Centenary is selective, with applicants being evaluated on strength of academic curriculum, trends in academic grades, standardized test score results (SAT I or ACT), letter(s) of recommendation, extracurricular activities, leadership experiences, and a personal essay. Priority consideration for admission and scholarship funding will be given to those students who submit an application by the posted deadline date.

With the exception of early admission applicants, all candidates for admission as full-time students are expected to have graduated from an accredited high school or have received their General Education Diploma (GED) or High School Equivalency (HSE) prior to enrollment at Centenary. Applicants without these credentials are required to provide a transcript or thorough listing of subjects covered, and a reading list of texts may be required. The Admission Office reserves the right to request that these applicants submit additional standardized test scores and participate in a campus interview.

Application Procedures for First-Year Students

	APPLICATION DUE	NOTIFICATION SENT	DEPOSIT DUE (PREFERRED)
Early Action	**December 15**	**January 15**	**May 1**
Regular Decision	**February 15**	**March 15**	**May 1**
Regular Admission	**After February 15**	**Rolling**	**May 1**

The Admission Office will only review a complete application, which consists of the following items:

1. A completed application;
2. An official high school transcript (faxes, advisement and student copies are not official). (Note to Louisiana high school graduates: Centenary will request your seventh semester and final high school transcript from the Board of Regents and the Louisiana Department of Education's Student Transcript System upon receipt of a signed admission application.);
3. A copy of SAT I and/or ACT test results sent directly to Centenary, or scores reported on the official high school transcript (faxes and student copies are not official);
4. A response to the application essay;
5. Resume or list of extracurricular activities on application;
6. A personal interview by admission counselor either on campus or by phone is not required but strongly recommended;
7. At least one letter of recommendation from a teacher or counselor, and additional sources are also welcomed to provide further recommendations on the student's behalf. (strongly recommended)

The **Early Action** program is for students who have determined that Centenary is among their top choices. Applicants under Early Action must apply by December 15. Notification of the Admission Office's decision will be postmarked by January 15. Admitted students are advised to submit a $250 non-refundable enrollment deposit along with the signed Candidate Reply Form to reserve their spot in the class by May 1. This deposit will be credited to the student's account.

The **Regular Decision** program has a postmark deadline of February 15. Applicants meeting this Regular Decision application deadline will receive full consideration for admission and scholarships, while students submitting applications after this date will be reviewed on a space-available basis. Candidates in Regular Decision with complete applications will be notified of their status in mid-

March. After admission decisions have been made, admitted applicants will be reviewed for scholarship and financial aid consideration. The FAFSA is available on October 1, and can be completed online at this address, fafsa.ed.gov. We encourage students to complete the FAFSA as soon as possible; however, in order to complete scholarship and financial aid review you should have it completed by February 15. Students choosing to enroll at Centenary are advised to submit a $250 non-refundable enrollment deposit along with the signed Candidate Reply Form to reserve their space in the entering class by May 1. This deposit will be credited to the student's account.

All admitted applicants who submit enrollment deposits will be considered provisional students until a final, official high school transcript is received (mailed or electronically submitted directly from the student's high school to Centenary), indicating high school graduation date. Admission to Centenary is conditional and can be rescinded by the College if a student experiences a significant decline in his/her academic performance in high school after having been admitted.

First-Year Candidates with College Credits

The Admission Office encourages high school students to enroll in a challenging curriculum. High school students participating in dual-enrollment, joint-enrollment, or concurrent enrollment programs with a local college or university ***may be eligible*** to transfer earned credit to Centenary, ***using the following criteria:***

1. The course(s) must be similar in content to course(s) offered by Centenary;
2. A class grade of "C" or better must be earned;
3. Dual enrollment credit must be earned after the student completes the sophomore year of high school through an articulated agreement between the attended college and high school whereby the student has satisfied the state's minimum college admission criteria, excluding "Open Admission;"
4. The college courses must be from an institution whose curriculum is consistent with the liberal arts tradition and must be equivalent to existing Centenary courses taught in academic disciplines offered at Centenary;
5. Regardless of the number of dual enrollment, joint enrollment or concurrent enrollment credits transferred, students are required to complete at least 60 credit hours at Centenary to earn a degree from Centenary.
6. Foreign language courses offered at Centenary cannot be transferred by dual enrollment. Centenary has placement exams to determine the awarding of credit for French and Spanish;
7. An official transcript from the college must be submitted to Centenary, indicating all courses attempted and grades received.

Decisions on transferring credit for dual-enrollment, joint-enrollment, or concurrent enrollment programs rest solely with Centenary College and will be considered final upon matriculation.

Campus Visits and Personal Interviews

Prospective students and their families are encouraged to meet personally with a member of the Admission Staff, discuss financial aid, tour campus with a current student, meet with faculty about academic programs, and sit in on a class. Additionally, students may take advantage of the College's overnight program to more fully experience Centenary life.

Centenary's Admission Office is open Monday through Friday from 8:00 a.m. to 5:00 p.m. Saturday morning visits are scheduled by appointment only. To schedule a visit, go to centenary.edu/visit, call 318.869.5131, or email admission@centenary.edu.

Application Procedures for Transfer Students

	APPLICATION DUE	NOTIFICATION SENT	DEPOSIT DUE
Fall	**July 1**	**Rolling**	**Rolling**
Spring	**December 1**	**Rolling**	**Rolling**

A transfer student is one entering Centenary from another institution of higher learning and Candidates must be academically eligible to return to their previous institutions. The Admission Office will consider the curriculum chosen, grade point average earned, and the competitive nature of the institution from which the student is transferring. Students who have been subject to probation or suspension at a previous school will automatically be reviewed by the Admission Subcommittee of the Enrollment Policy Committee.

Centenary notifies students of their status within 2 weeks after an application is complete.

Fall Semester: Priority consideration for admission and financial aid will be given to transfer students applying prior to April 1. Applications received after this date will be reviewed, admitted, and packaged as space and funds are available. To be considered for all types of financial assistance, students are encouraged to complete the FAFSA. Copies of this form can be obtained from the Financial Aid Office at the College. The late application deadline date for fall semester is August 1.

Spring Semester: Applications are due no later than December 1, and Centenary notifies students of their status as soon as possible.

The Admission Office will only review a complete transfer application, which consists of the following items:

1. A completed application;
2. An official high school transcript mailed directly from the high school that indicates graduation date (faxes, advisement and student copies are not official);
3. An official college transcript mailed directly from each college attended;
4. A brief written statement of intent, indicating a description of past college-level work, reasons for transfer, future academic goals (including major), and a discussion of how Centenary will further those goals;

5. A copy of SAT I and/or ACT test results sent directly to Centenary, or scores reported on the official high school transcript (faxes and student copies are not official). *This requirement may be waived if a student has more than 30 transferable hours or has reached his/her 25th birthday.*

6. Letter(s) of recommendation from a college professor or advisor are not required but are strongly recommended.

All admitted applicants who submit enrollment deposits will be considered provisional students until final official college transcripts from all colleges attended are received (mailed directly from the college to Centenary). Admission to Centenary is conditional and can be rescinded by the College if a student's final official college transcripts show significant differences when compared to the transcripts submitted for admission.

Transfer Credit Policy

The following policies will apply to all students entering Centenary as transfer applicants:

1. Credits will only be transferred from regionally accredited colleges and universities. Students earning credits from an institution outside of the United States and outside of Centenary's articulation agreements must first have their transcripts evaluated by the American Association of Collegiate Registrars and Admission Officers (AACRAO) or another approved international evaluation agency.
2. Only courses in which the student has earned a "C" or better will transfer. Centenary does not use grades earned at other institutions in the computation of a student's GPA, and grades earned elsewhere will not appear on the Centenary transcript.
3. Courses which are not consistent with the liberal arts tradition, are in disciplines outside of what is offered at Centenary, or are not college level will not be transferred.
4. Students who transfer to Centenary are required to complete at least 60 credit hours at Centenary to earn a degree from Centenary.
5. No transferrable courses will satisfy the "S" or "W" requirements at Centenary.
6. Credit will not transfer if the credit is earned during a period of time the student is concurrently enrolled at Centenary, should the transfer hours attempted cause the student to exceed the maximum number of hours allowed for that term without prior documented permission from the Centenary Provost.
7. Transfer credits will not be transferred to replace earned credit at Centenary College for equivalent courses.
8. Transfer credits will not be accepted for students who have already earned a Centenary degree.
9. Current students who wish to earn credits at other institutions in order to transfer them back to Centenary must complete and submit the "Transfer of Credit" form available through the Centenary Office of the Registrar prior to enrolling at other institutions.
10. **The last 30 credit hours required for graduation must be taken in residence**, unless they have received permission to graduate under a 3/1 or 3/2 program or they are taking classes at one of Centenary's partner institutions at home or abroad. A limited number of courses may be transferred during a student's final two long terms of full time study at Centenary, if these transfer courses receive prior approval by the student's advisor and the Centenary Registrar. In the absence of dual approval, a student must petition to transfer credit earned within the last two long terms at Centenary.
11. Official transcripts must be sent to the Centenary Registrar from all institutions where transfer credits were attempted. This policy includes situations where the student withdrew without receiving credit.

Application Procedures for International Students

International applicants are candidates for admission who are not citizens of the United States and who do not possess a permanent resident visa. International student applicants must submit all of the documents required for admission by the date listed on the International Student Admission webpage. The College adopts as its official policy for international student admission the guidelines published by the American Association of Collegiate Registrars and Admissions Officers.

The Admission Office will only review a complete international application, which consists of the following items:

1. A completed application;
2. A response to one application essay question;
3. Originals, or certified copies, of all high school or secondary school records and diplomas (faxes, advisement and student copies are not acceptable); any document not in English must be translated and evaluated by an international credentials evaluation service. Transfer students must also have an official college or university transcript mailed directly from each college or university attended.
4. A supporting letter from a teacher, college professor, or advisor;
5. A completed Financial Aid and Certificate of Finances application;
6. A clear, legible copy of the photo page of the passport; and
7. a. Students who are native speakers of English must submit official SAT I or ACT scores in lieu of English proficiency exam results. Official SAT I or ACT scores are those reported directly to Centenary College of Louisiana by the respective testing agency at the request of the applicant.
   b. Students who are non-native speakers of English are required to submit official Test of English as a Foreign Language (TOEFL) or official International English Language Testing System (IELTS) scores. Official TOEFL and IELTS scores are those reported directly to Centenary College of Louisiana by the respective testing agency at the request of the applicant. The following minimum scores are required for admission: TOEFL: Paper-based test (550); Computer-based test (213); Internet-based test (79) IELTS: Each content area (6.0).

An applicant may request that the TOEFL or IELTS requirement be waived if she or he has met one of the following criteria:
Attended the final two years of high school in the U.S., resulting in the attainment of a U.S. high school diploma; or,
Successfully completed 30 transferrable semester hours at a regionally accredited U.S. institution, including a minimum of 6 semester hours in English, excluding remedial English and English as a Second Language courses; or
Earned an associate's degree from a regionally accredited U.S. institution.

8. The completed Report of Medical History and Physical Examination Form should be submitted no later than one month following submission of the application for admission. Late submission may jeopardize the ability of an admitted student to enroll in courses.

Application Procedures for Home-Schooled Students

All home-schooled students must submit the following before the Admission Office will review the candidacy:

1. Completed application;
2. An official SAT or ACT score report from the reporting agency;
3. A response to the application essay;
4. A letter of recommendation from a member of the student's local community;
5. A transcript listing the courses taken and grades received;
6. An interview with a representative of the Admission Office.

Application Procedures for Part-Time Students

A part-time student is a person enrolled at Centenary who is degree-seeking and who is enrolled for less than twelve credit hours per semester. Admission requirements, policies and deadlines are the same as those for full-time transfer or freshman applicants. Part-time students are not eligible for Centenary scholarships or grants, but federal financial aid programs may be available to eligible students who file the FAFSA.

Application Procedures for Active Duty and Veteran Military Students

As a Military Friendly School, Centenary welcomes applications for admission from service men and women. Admission requirements, policies and deadlines are the same as those for all other full-time transfer or freshman applicants. Post 9/11 veterans and their dependents may qualify for the Yellow Ribbon program to cover the cost of tuition. Active duty military may qualify for special undergraduate military pricing. Please see the Expenses and Financial Aid section of the catalogue for details on these programs.

Application Procedures for Special Students

A special student is defined as a person enrolled at Centenary on a non-degree-seeking basis. Applicants should submit the application for admission along with the application fee. High school and/or college transcripts may be requested of applicants wanting to enroll in upper-level classes. Non-degree students may enroll for courses without regard to graduation requirements but must meet all prerequisites for courses chosen. Financial aid is not available for non-degree-seeking students. Non-degree students may not represent the College in extracurricular activities.

Non-degree students wishing to apply for admission to a degree program at Centenary must reapply as a degree-seeking candidate, provide full academic credentials and meet admission requirements. Work completed at Centenary will weigh heavily in the evaluation of candidate's application for admission.

Application Procedures for Readmission

A student who has withdrawn from Centenary and who wishes to return must complete a special application form, which is available in the Admission Office. Priority application deadlines are July 1 for the Fall semester, December 1 for the Spring semester, and May 1 for the Summer terms.

1. Along with the application form, all readmit applicants must submit a letter informing the Admission Office of his/her activities since leaving the College and why it is their wish to return.
2. Applicants must also supply a letter of recommendation from a professor at Centenary who previously taught them.
3. Applicants who withdrew for academic reasons are required to meet with the Assistant Provost for Student Support and must complete an action plan developed with the Assistant Provost before being readmitted. Each student's action plan will lay out specific steps that the student will take to improve his/her academic performance and return to good standing.
4. Students must be cleared of any academic, financial, or conduct holds before enrolling.

Application Procedures for Visiting Students

Students enrolled at other colleges may take courses at Centenary in any term, provided they are in good academic standing at the college where they are enrolled as regular students. A formal transfer application and a letter of good academic standing from the Dean or Registrar of the college must be submitted to the Admission Office. Visiting students must meet all course prerequisites before being allowed to enroll. No financial aid is available for visiting students.

Early Admission Guidelines

Gifted students completing their junior year in high school may apply to the College for admission as full-time students. Students entering under this early admission program begin their college-level studies early, but they do not receive their high school diplomas from

Centenary. The admission requirements for early admission are stringent:

1. 3 units of English, 3 units of math, 2 units of natural science (with lab), 2 units of social science, and 2 units of foreign language (same language);
2. Written recommendations from high school principal and guidance counselor, indicating potential for collegiate study and verification that the student will receive a high school diploma upon satisfactory completion of the freshman year at Centenary;
3. Standardized test scores from the ACT (a minimum composite score of 26) or SAT I (a combined score of 1180 with a Critical Reading score of at least 600);
4. A minimum grade point average of 3.5 (on a 4.0 scale) or above in academic courses;
5. A written essay outlining the reasons for leaving high school early and outlining academic goals;
6. A personal interview with an Admission counselor;
7. Application must be received by February 15 and will be reviewed as part of the Regular Decision process.

Concurrent Enrollment

Outstanding high school seniors who wish to take courses at Centenary while continuing work toward the high school diploma may apply for concurrent enrollment. The standards for admission to this program are the same as for early admission. High school credit for work done at Centenary may be granted only with the approval of the high school administration, and students should seek this approval prior to enrollment in Centenary classes.

Advanced Placement

Centenary participates in the Advanced Placement program of the College Entrance Examination Board. Advanced Placement credit will not be given for scores below 3. There is no limit to the number of dual/joint/concurrent enrollment credits awarded to entering first-time degree-seeking freshmen, credits by Advanced Placement and departmental examinations. However all students must complete 60 credit hours at Centenary. The following departmental guidelines have been established for AP credit:

Department	A.P. Score	Credit Hours	Courses
Art History	4 or 5	4	ART 295 (elective only)
Biology	4	4	BIOL 101
	5	8	BIOL 101 and 4 credits of elective 295
Chemistry	4 or 5	8	CHEM 121, 122, 123, 124
Computer Science	4 or 5	4	CSC 207
Economics Micro	4	4	ECON 211
Economics Macro	4	4	ECON 212
English			
Literature & Comp	4 or 5	4	ENGL 102
Literature & Comp	4 or 5	4	ENGL 101 (elective only)
Foreign Languages*	3	8	FREN 101, 102 or SPAN 101, 102
	4 or 5	16	FREN 101, 102, 201, 202 or SPAN 101, 102, 201, 202
European History	4 or 5	4	HIST 103
U.S. History	4 or 5	8	HIST 205, 206
Mathematics	4 or 5 AB Test	4	MATH 115
	4 or 5 BC Test	8	MATH 115, 201
Music	4	4	MUSIC 111
	5	8	MUSIC 111; 112/122
Physics and Engineering**			
C Test	4 or 5 (mechanics)	4	PHYS 104, 114
	4 or 5 (electricity and magnetism)		
		4	PHYS 105, 115
Psychology	4 or 5	4	PSY 101
Sociology	4 or 5	4	SOC 101

International Baccalaureate

Centenary recognizes the International Baccalaureate program and awards credit for Higher Level examination scores of 5 or greater.

Cambridge A-Level

Cambridge International A Levels are accepted and recognized for the purposes of the admission process. Credit and advanced standing may be awarded after review on a case by case basis.

* Students with at least two years of a foreign language in high school or competence in a foreign language for other reasons are required to demonstrate their level of proficiency through examination prior to enrolling in a foreign language course or during the first week of classes. Students may receive up to 12 hours of credit (101, 102; 201, 202) for examinations in French or Spanish administered by the Department of Foreign Languages during fall orientation.

** Only Advanced Placement TEST C will be accepted.

Expenses and Financial Aid

Centenary is a non-profit institution. The tuition, fees, and other charges paid by the student cover less than half the actual cost of the educational opportunity. The remainder of the cost is borne by income from endowments and from the generosity of friends of the College and The United Methodist Church. In this way, the cost to the student is kept at the lowest possible amount consistent with adequate facilities and superior instruction. An excellent program of financial aid is available to the worthy and needy students.

Basic Expenses for 2018-2019 Students

Fall Semester: August Term and Fall Term
Spring Semester: Spring Term and May Term

Tuition ..... $18,290.00 per semester

Tuition applies to all registration in the normal full range of 12 to 22 hours. Any registration for less or more than these limits is charged the tuition rate of $1,524.00 per credit hour.

Residence Hall (double occupancy) ..... Cline: $3,390.00 per semester
James/Hardin/Sexton: $3,540.00 per semester
Rotary: $4,040.00 per semester

Board ..... $3,160.00 (Full Meal Plan) per semester
$2,660.00 (7-Meal Plan-Jr./Sr. Only) per semester

Non-Matriculating Students

Tuition ..... $762.00 per credit hour

U.S. Citizens and permanent residents who do not intend to complete Centenary College degrees may enroll in undergraduate courses as non-matriculated students. Applicants must be in good academic and social standing at any colleges or universities where they may have studied earlier.

Students must complete a non-matriculated student application and submit an application fee. Non-matriculated students do not qualify for financial aid or academic counseling. All students must also submit proof of immunization records in order to register for classes.

During the fall and spring semesters, non-matriculated students will be admitted to courses on a space-available basis after all matriculated students have had the opportunity to register. During summer term, non-degree-seeking students may register when registration opens for the term.

Non-matriculated students are considered part-time and are limited to a maximum of 16 undergraduate credit hours. Walk-in non-matriculants who have taken the maximum amount of credits allowed are encouraged to apply for matriculation if they wish to continue undergraduate study at Centenary College.

Active U.S. Military Personnel

Tuition ..... $250.00 per credit hour

Active duty U.S. military personnel serving in any of the five branches of the U.S. Armed Forces (including National Guard and Reserves), are eligible for undergraduate military pricing.

Immersion Expenses for 2019

(Applies to students enrolled prior to Fall 2014 and transfer students entered prior to Fall 2015)

Tuition ..... $470.00 per credit hour

James, Hardin, and Sexton Daily Rate (double occupancy) ..... $16.00 / day
Rotary Daily Rate (single occupancy) ..... $20.00 / day

James, Hardin, and Sexton Daily Rate (double occupancy) ..... $24.00 / day
Rotary Daily Rate (single occupancy) ..... $30.00 / day

Summer Expenses for 2019

Tuition ..... $470.00 per credit hour

James, Hardin, and Sexton Daily Rate (double occupancy) ..... $16.00 / day
Rotary Daily Rate (double occupancy) ..... $20.00 / day

James, Hardin, and Sexton Daily Rate (single occupancy) ..... $24.00 / day
Rotary Daily Rate (single occupancy) ..... $30.00 / day

Single rooms may be available on an as-requested and space available basis. The rate for a requested single room will be 150% of the double room rate per semester. In rare cases, the student will pay the total as if they had a roommate (200% of the applicable double room cost for a single).

Special Fees

The course offerings, rules, regulations, and fees appearing in this catalogue are announcements. They are not to be construed as representing contractual obligations of Centenary College, which reserves the right to change its courses of instruction, fees, charges for room and board, and general and academic regulations without notice should circumstances warrant in the judgment of the College.

Official transcripts are provided for a charge of $10.00 per transcript.

Fees (non-refundable)	**(Fall) $250.00**
	(Spring) $75.00
[1]Enrollment Change (per change)	$30.00
Identification Card Replacement	$30.00
Parking Fee for Residence Students (yearly)	$100.00
Parking Fee for Commuter Students (yearly)	$60.00
Change of Residence Hall Room (After the deadline date to add courses)	$25.00
Return Check Fee	$50.00
[2]Late Financial Clearance Fee (Pre Purge)	$150.00
[3]Late Financial Clearance Fee (Post Purge)	$300.00

Students who fail to complete Financial Clearance by the 4th class day of the semester will have their schedules purged which will require students to return to their advisor for rescheduling. Students may not expect professors to admit them to classes or hold spots in classes when they fail to go through Financial Clearance with the Business Office.

A nominal charge may be levied for off-campus courses in physical education. These charges will be paid by the student directly to the off-campus parties levying the charge.

The cost of books, music, and other supplies will vary with the student's curriculum. In most cases the annual expense will be approximately $1,300.00.

Payment of Fees/Financial Clearance

Matriculation in the College is an implied contract by which the student accepts all regulations of the College, including those governing payment and refunds. Charges are made by the semester, and they are payable by the semester. Payment of semester charges, or arranging to pay them is a part of the registration process. The final step in the registration process is Financial Clearance. Financial Clearance is the payment of fees/charges along with completing and signing the "Financial Agreement" form. All students must complete a "Financial Agreement" form. Students who have a zero balance or credit balance because their charges are covered by financial aid, fee waiver, or other credits are still required to complete the "Financial Agreement" form. Failure to complete the Financial Clearance process will result in a $150 to $450 late fee. **Enrollment has not been completed until the student has completed "Financial Clearance" with the Business Office.**

Tuition and expense bills are sent to students in early July for the fall semester, and early December for the spring semester. These bills contain tuition and related fees and reflect financial aid credits awarded. Students and parents/guardians are responsible for the balance owed after all credits are applied. The balance is payable in full prior to the start of each semester. Interim monthly bills are mailed to parents throughout each semester for incidental fees incurred. Before registration for the next semester, all past due balances must be paid in full or a **"HOLD"** will be placed on the student's account, which will prevent the student from registering. Students who are more than ten days delinquent in payment of any fees may be suspended from the College. **No transcripts will be issued until all financial obligations to the College have been met.** Delinquent account balances, which include Perkins Loan, will be turned over to a collection agency. All fees associated with the collection of the debts are the responsibility of the student.

There are several acceptable methods of payment:

1. Total semester costs (tuition, fees, and room and board, if applicable) are payable at the beginning of each semester.
2. Total tuition, room, board and fees for the year are divided into ten equal payments beginning in July and ending in April. There is a non-refundable charge of $80.00 for this method of payment. Payments are due on or before the 15th of the month.* **(Ten-Month Payment Plan)**
3. a. One half of the total fall semester cost (tuition, fees and room and board, if applicable) is due on or before August 2nd (if enrolled in immersion course), August 24th (if not enrolled in immersion course) and the remaining balance in three equal installments on September 1st, October 1st and November 1st. There is a non-refundable charge of $80.00 for this method of payment.* **(Installment Plan)**

[1] No charge first 7 days of classes of a fall or spring term
[2] Students who complete Financial Clearance between the 1st thru 4th class day of a semester will be charged a pre-purge fee.
[3] Students who complete Financial Clearance between the 5th thru 7th class day of a semester will be charged a post-purge fee in addition to the pre-purge fee.

b. One half of the total spring semester cost (tuition, fees and room and board, if applicable is due on or before January 4th and the remaining balance in three equal installments on February 1st, March 1st and April 1st. There is a nonrefundable charge of $80.00 for this method of payment.* **(Installment Plan)**

4. American Express/MasterCard/Visa/Discover/Cash/Checks/Money Orders may be used with any of the above payment options. (Payment received by credit card will be credited back to the same credit card, if a refund request is made for a credit balance.) International checks, not drawn on American banks, must be processed through our bank's collection department. The student will receive credit for the valued amount determined by the bank after collection fees are deducted.
5. **The College reserves the right to refuse personal checks of any student who previously has had two checks returned.** Each returned check is subject to a $50 check processing fee. If the check is not replaced within seven days, a hold will be placed on the student's record.
6. a. For each summer session, the entire amount is payable upon registering, or
   b. One half of the total summer session cost is due at registration and the remaining balance 10 days after beginning of session. There is a charge of $30 for this latter method.*

The student must satisfy all financial obligations to the College in order to participate in the College commencement and baccalaureate ceremonies.

Withdrawals and Refunds

Failure to attend classes does not constitute a withdrawal. Official withdrawal is the date the student receives the approval of the Provost of the College to withdraw, and all institutional refunds are based on that date, regardless of the date of last attendance. *Exception: students receiving federal aid who earn all Fs, the last date of attendance will be used to calculate an unofficial withdrawal date.* In addition there are academic penalties for failure to complete the proper procedures.

Prior to obtaining a withdrawal form, students receiving financial aid should consult the Financial Aid Director. A withdrawal form, available at the Office of the Provost of the College must be filed immediately by a student who withdraws from the College after he or she has registered for classes in a regular session or summer session. The completed form bearing the proper signatures must be filed at the Office of the Registrar.

Fall and spring term tuition and refundable fees are refunded if the student withdraws on or before the 7th class day of the fall or spring term. A service charge of $25 will be made for withdrawal even if the student does not attend class. After the 7th class day, the following policy applies:

1. All fees are charged.
2. Between the 8th day of classes and the 3rd Friday after classes begin, 75% of tuition is refunded for withdrawals.
3. Between the 3rd Friday and 4th Friday after classes begin, 50% of the tuition is refunded for withdrawals.
4. After the 4th Friday of classes, no refunds are given for withdrawals, unless the student is a federal funds recipient.
   a. All students who resign from the College must submit written notice of resignation to the Office of the Registrar.

      If a student, who is disbursed Title IV financial assistance, withdraws or stops attending class on or before completing 60% of the semester in which the Title IV aid was disbursed, the following Return of Title IV Funds policy will be applied. Centenary College of Louisiana will implement the federal Return of Title IV Funds policy per the Higher Education Act of 1998. This policy will apply to any student who receives Title IV aid and who officially or unofficially withdraws, drops out, or is expelled. Refer to the "Withdrawal from the College" section of the Centenary College catalogue for requirements on officially withdrawing from school.

      The amount of Title IV aid to be returned to the applicable federal programs will be determined, using the student's withdrawal date, by calculating the percentage of the enrollment period which the student did not complete. Scheduled breaks of five or more consecutive days are excluded. Centenary College will return the lesser of the total of unearned aid or an amount equal to institutional charges multiplied by the percentage of unearned aid. The College must return unearned funds within 45 days of the date of determination of the withdrawal date. The order of the return of funds is: Unsubsidized Federal Direct Loan, Subsidized Federal Direct Loan, Federal Perkins Loan, Federal PLUS Loan, Federal Pell Grant, Federal Supplemental Educational Opportunity Grant. The student will be responsible for repaying any remaining unearned portion that was disbursed to them.

      Failure to attend class or failure to resign properly could cause the student to receive a letter grade of "F" in all courses. In this case, the student would still be subject to the return of funds policy once an official withdrawal date is established. Merely discontinuing class attendance is not considered to be a formal resignation from the College. Students who were awarded financial assistance and who discontinue class attendance may be held responsible for repayment of all tuition and fees. Please refer to the "Class Attendance Regulations" section of the Centenary College catalogue for requirements on class attendance.

      If the student's portion of unearned Title IV funds is a loan, no action by the school is necessary. Regular loan terms and conditions apply. If student's portion of unearned Title IV funds is a federal grant, the student will be required to return no more than 50% of the amount received for the enrollment period.

   b. In the event of resignation, the Centenary College institutional refund policy will be applied and tuition will be reduced by that amount. The student may be liable for any Title IV funds disbursed to their account in excess of the amount allowed by federal regulations. The school will collect the portion of any assistance owed by the student. If no payment is received, holds will be placed on the student's account and the student will lose eligibility for Title IV aid unless the overpayment is paid in full or

*A monthly finance charge, equal to 1% of balance, may be added if payments are not received by the due dates listed above. The monthly payments must be $50 or more.

satisfactory repayment arrangements are made. After the institutional refund has been credited, any remaining amount will be returned to the student.

5. Students who are in the military reserves and who may be called to active duty and who are unable to complete the term due to active duty call will be given credit for all monies paid during the term. The credit will be applied after Centenary College receives documentation showing that the student has been called to military active duty. Loans incurred by the student during the semester such as Stafford Loans and Perkins Loan shall be returned to the lending institutions. When the student is released from active duty, the student will be required to re-enter Centenary College as soon as possible. All credits incurred during the student's absence will be applied toward their tuition costs when re-entering Centenary College.
6. Centenary College grants and scholarships are adjusted according to the student's withdrawal period: 100%, 75% or 50%. After the 4th Friday of classes, Centenary College grants and scholarship will not be adjusted.
7. A credit balance in a student's account will be refunded when a written request is submitted to the Business Office. Refunds will be made in the form of a refund check. Also note that, with the exception of Parent/PLUS loan, any credit balance will be refunded to the student regardless of who remitted the payment to the student account (e.g., parent, grandparent). If a Parent PLUS Loan overpays a student's account and a refund is requested, the refund check will be issued on the Parent PLUS Loan borrower's name unless the borrower requests otherwise.

Room and Board Refunds (All semesters)*

1. Once the semester has begun, room fees are not refundable.
2. When a student withdraws from the College, board charges for that part of the semester that have not been used will be refunded regardless of the date of the official withdrawal.
3. No refund of board charges will be made if 1) the student subsequently moves to non-college operated housing, or 2) the student is evicted from the residence halls for disciplinary reasons.
4. Students who are separated from the College as the result of disciplinary action forfeit all refund rights.
5. Students whose housing exemption requests are received and approved after the deadline stated on the Student/Residence Life web page will be charged a late fee.

*Any exception to this policy based on mitigating circumstances such as an accident or other extreme occurrences must have prior approval from the Dean of Student Life. Secondary approval can come from the Vice President of Finance and Administration or the President of the College. In all other instances, the regular refund policy shall apply.

Immersion Term Withdrawal and Refunds (Applies to students enrolled prior to 2014 or transfers)

Immersion term tuition and refundable fees are refunded if the student withdraws before the first day of immersion classes. A service charge of $25 will be made for withdrawal even if the student does not attend class. Immersion session tuition is non-refundable on or after the first day of class. If a student withdraws or drops this course but is still enrolled in the Fall Term, the withdrawal and refund policy for Fall Term described previously applies.

For Immersion Term Courses with a traveling component, students who enroll into these courses during the fall semester must pay their deposit by the first day of finals week within that semester or the College official charged with overseeing the formal registration of students for these courses will remove the unpaid student from the course. For students who enroll into these courses during the spring semester, their deposit must be paid a week after they enroll in the course so that the faculty member leading that course can make travel arrangements for the student, or the student will also be dropped from the course within that same semester.

By paying the deposit, the student is committing to the course and cannot withdraw or transfer into another course without losing all funds paid. All costs associated with the course are to be paid by the student directly to the College's Business Office. Course instructors are NOT to collect any form of payment from students. Students are responsible for checking with their instructor about what costs cover and include for their individual course.

Summer Session Withdrawal and Refunds

Summer session tuition and refundable fees are refunded if the student withdraws on or before the first Friday of classes. A service charge of $25 will be made for withdrawal even if the student does not attend class. After the first Friday of classes, no refunds are given.

Dropping Courses

Non-attendance of class does not constitute a drop. There will be no tuition or fee adjustments for dropping courses after the 7th day of classes while the student continues in other courses. The drop and add dates may be different for overseas courses. Students should consult the Office of the Registrar for questions. Students should be aware, however, that they will be responsible for additional tuition charges should they be incurred by a late add and, further, that a late drop will not receive a tuition refund.

Financial Petition

Students requesting an exception to, or waiver of, financial regulations should complete a financial petition form. See the Business Office for financial petition forms and for information on what issues may or may not be petitioned.

Auditing Courses

Students classified as full-time by the College may, with the consent of the instructor, audit courses free of charge (except if in excess of 18 hours). If they desire the audited course to be recorded on their transcript, they must register officially. Upon notification by the faculty member in charge of the course that the student did not actually attend, notation that the student audited the course will be stricken from the record without right of refund of fees.

Persons who are not Centenary students may also audit most courses in the College course-offering (exceptions are performance and execution courses such as those in theatre, art, and music) for a reduced tuition rate. Registration procedures are simplified for students in this Special Audit program. The cost to audit a course is $381 per credit hour. Consult the Office of the Registrar for information.

Non-Matriculating Students

U.S. Citizens and permanent residents who do not intend to complete Centenary College degrees may enroll in undergraduate courses as non-matriculated students. Applicants must be in good academic and social standing at any colleges or universities where they have may studied earlier.

Students must complete a non-matriculated student application and submit an application fee. Non-matriculated students do not qualify for financial aid or academic counseling. All students must also submit proof of immunization records in order to register for classes.

During the fall and spring semesters, non-matriculated students will be admitted to courses on a space-available basis after all matriculated students have had the opportunity to register. During summer term, non-degree-seeking students may register when registration opens for the term.

Non-matriculated students are considered part-time and are limited to a maximum of 16 undergraduate credit hours. Walk-in non-matriculants who have taken the maximum amount of credits allowed are encouraged to apply for matriculation if they wish to continue undergraduate study at Centenary College. The cost to non-matriculating students (up to 16 hours of credit total) is $762.00 per credit hour.

Student Financial Aid

Financial Assistance

Centenary College offers financial aid to help students meet their educational expenses. Centenary's program is supported by Federal and State funds, as well as by the College's own resources.

At Centenary most assistance is awarded on the basis of scholarship and talent, but significant amounts are awarded on the basis of financial need. Application for scholarship begins with the admission application. Applicants should also submit the Free Application for Federal Student Aid (FAFSA) to determine the assistance for which the student is eligible. The primary objective of the Office of Financial Aid, is to arrange for a grant, scholarship, loan, or employment, or a combination of these for which a student is eligible. Applicants should also submit the Free Application for Federal Student Aid (FAFSA) to determine the assistance for which the student is eligible. Centenary scholarships and grants are reserved for full-time undergraduate students only.

Through generous gifts by friends of the College, a number of scholarships have been established and these funds are applied in accordance with the terms of each gift. Four-year academic scholarships are automatically renewed each year if the student has maintained the required grade point average. Other scholarships are awarded for one year but may be renewed if the student reapplies and continues to meet the specific guidelines.

Federal grants, loans and work are the only forms of financial assistance available for use in summer school. Centenary scholarships are not available in the summer.

Satisfactory academic progress is required to maintain eligibility for all aid programs. See the next section for the Satisfactory Academic Progress Guidelines.

Aid based upon financial need may not be awarded in excess of the amount the student needs for education expenses. No Centenary scholarship or grant, or combination of grants which includes one from Centenary, can exceed the comprehensive costs for resident students. Normally, none will exceed tuition and fees. If a student's need is greater than these limits, the need may be met with a loan or work award.

The person designated by Centenary to provide financial information to students is the Director of Financial Aid. The Financial Aid Office is located in Hamilton Hall, Room 132. Office hours are 8:00 to 4:30 Monday thru Friday. Appointments are suggested but not required. The telephone number is (318) 869-5137 or 1-800-234-4448.

To be considered for financial aid at Centenary College, a student must be accepted for admission to Centenary College and must submit the Free Application For Federal Student Aid (FAFSA) to the Department of Education; this form must be filed to be considered for a combination of federal and institutional aid.

When the student has been accepted for admission and the above steps completed, a student will be considered for all financial aid sources available at Centenary College. Priority will be given to students who have completed these steps and submitted all requested information by March 15 prior to the academic year for which aid is desired. After this date consideration will be on a "first come, first served" basis.

SPECIAL NOTE: All financial aid awards are made for just one year at a time. Returning students must complete the FAFSA each spring prior to the next academic year for which aid is desired. Full-time students may only receive aid for a maximum of eight (8) semesters.

Satisfactory Academic Progress Guidelines

A. Undergraduate—full-time. All full-time undergraduate students receiving financial aid are subject to the following minimum academic requirements. It should be noted, however, that undergraduate full-time students are expected to complete their degree programs in eight semesters and can only receive aid for eight semesters.

Semesters Completed	1	2	3	4	5	6	7	8
Minimum No. of Credit Hours Completed	12	24	36	48	60	72	84	96
Current or Cumulative GPA	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0

NOTE: Transfer students (other than freshmen) must achieve a minimum 2.0 grade point average in their first semester at Centenary and thereafter meet the minimum academic requirements.

B. Undergraduate—part-time. Undergraduate part-time students receiving financial aid are expected to complete at least fifteen credit hours per academic year. These students may receive financial aid for twelve semesters.

Semesters Completed	1	2	3	4	5	6	7	8	9	10	11	12
Minimum No. of Credit Hours Completed	6	15	21	30	36	45	51	60	66	75	81	90
Current or Cumulative GPA	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

C. Graduate—Master of Arts in Teaching. In order to receive benefits under the Federal Direct Student Loan program, a graduate student must be enrolled in and complete at least six credit hours per semester (fall and spring terms) or three credit hours per summer session (for a total of six credit hours during the summer). These students may receive financial aid for six semesters.

D. Graduate—Master of Business Administration. In order to receive benefits under the Federal Direct Student Loan program, a graduate student must be enrolled in and complete at least one course per session. These students may receive aid for the equivalent three years.

E. Failure to maintain satisfactory progress. If, as a result of (1) poor grades; (2) course incompletes; and/or (3) withdrawals, a student fails to earn the minimum grade point average or the required number of credit hours, that student will be placed in a "warning" period for one semester. If at the end of that period, the student has not completed the necessary number of hours for the current semester enrolled with the minimum grade point average, then that student will no longer be eligible to receive financial aid. If the student does achieve the necessary hours and grade point average at the end of the "warning" semester, the student will continue to be eligible to receive financial aid.

F. Students who re-enroll at Centenary College after academic suspension will not be eligible for financial aid for that semester.

G. Students receiving academic scholarships must maintain a specific cumulative grade point average (GPA) designated for the scholarship. This GPA is monitored every semester. The first-semester freshman is given two semesters in which to achieve the necessary minimum cumulative GPA. If, after that point, the GPA dips below the minimum cumulative GPA for that particular scholarship, the student will be ineligible for the scholarship.

H. Appeals and reinstatement of financial aid eligibility. Students may have legitimate reasons for not maintaining satisfactory academic progress, not maintaining the necessary cumulative GPA for academic scholarships, or not completing their degrees in the number of semesters required. In these cases, students may petition the Scholarships and Financial Aid Committee to continue to receive financial aid and/or scholarships.

1. The student petition and the decision of the Committee will be in writing and will become a permanent part of the student's file. The Committee will require a student to complete an action plan developed by the Coordinator of the Student Resource Center as a condition for financial aid reinstatement. Each student's action plan will lay out specific steps that the student will take to improve his/her academic performance and return to good standing.
2. In cases where no appeal is made or where the student petition is denied, the student will be ineligible for financial aid during the next semester enrolled.

Centenary College Scholarships, Grants, and Veteran's Benefits

In addition to a wealth of permanent scholarships endowed by generous donors and friends of the College, Centenary College offers its own scholarships, as well as assistance with federal and state grants and veterans' benefits.

Centenary College Academic Scholarships: Nancy M. Christian, 1825 Scholar, President's, Dean's, Trustee's, Centenary Award, Transfer, Challenge Award. Scholarships awarded to full-time students who demonstrate above average academic potential.

Artistic Merit Scholarship. For first-year students exhibiting extraordinary artistic merit in music, art, communications, or theatre. Recipients nominated by those individual departments.

Hurley School of Music Scholarship. For students majoring in music or participating in one of the music ensembles. Recipients are selected by the School of Music after an audition.

Choir Scholarship. For members of the Centenary College Choir. Recipients are selected by the Director of the Choir.

Centenary College Grants. From the earnings of our endowment, we award renewable grants, which are "gifts" from the College that do not need to be repaid. Grant recipients must remain full-time students in good academic standing.

Faculty/Staff Dependent Grant. For dependents of eligible Centenary faculty and staff.
Methodist Minister's Dependent Grant. For full-time students who are dependents of an ordained United Methodist minister.
Legacy Scholarship. For full-time students whose parent(s), siblings, or grandparents attended Centenary College.
Resident Assistant Grant. Room stipend for selected upperclassmen.

The following VA Benefits can be used at Centenary:

Chapter 30 (Montgomery GI Bill)
Chapter 31 (Vocational Rehabilitation)
Chapter 33 (Post-9/11 GI Bill)
Chapter 35 (Dependent's Education Assistance)
Chapter 1606 (Reserve GI Bill)

The **Yellow Ribbon GI Education Enhancement Program (Yellow Ribbon Program)** is a provision of the Post-9/11 Veterans Educational Assistance Act of 2008 for veterans who are certified at the 100% level. Under the Yellow Ribbon agreement, 100% of tuition is covered. Since this program pays 100% of tuition, students who are awarded through this program are not eligible for any other institutional scholarships at Centenary. If a student's VA eligibility is less than four years, the student's original academic award will be reinstated for their remaining years. For more information, visit centenary.edu/fa/va

Applicants should submit a copy of their *Certificate of Eligibility.* The Veterans Administration determines the amount of the benefit. Students eligible for veterans benefits are responsible for reporting to the Financial Aid Office changes in address, changes in credit hour load, registration and courses for which the student already has credit, and withdrawal from the College.

On-Campus Employment

A number of part-time jobs for students are available on the campus. Application should be made to the Director of Financial Aid. The largest work program is known as Federal Work-Study. It is supported by Federal funds and provides assistance to students who have a documented need and meet all requirements for receiving Federal funds. A limited number of jobs are available without regard to financial need.

Vocational Rehabilitation Grants

These are made to students who are physically handicapped and would ordinarily be unable to hold a part-time job with certain disabilities. Inquiries should be directed to the student's home state's Vocational Rehabilitation Office in the student's home town.

State Grants and Scholarships

Louisiana TOPS

Louisiana's Tuition Opportunity Program for Students (TOPS) is a comprehensive program of state scholarships. Eligibility is determined by the state. The program is subject to legislative revision and funding issues. Students must be residents of Louisiana. Amounts awarded to students attending private institutions are determined annually and based on a weighted average of recipients attending state institutions. The Free Application for Federal Student Aid (FAFSA) serves as the state's application. Please visit the state's TOPS web site for detailed information.

Louisiana GO Grant

The Louisiana GO Grant is a need-based financial aid program aimed at making college more affordable for students from moderate- and low-income families. The GO Grant award for full-time students ranges from $300-$3,000 per academic year. Eligible part-time students may receive a pro-rated amount. **Eligibility criteria:** Louisiana resident, receiving a Federal Pell Grant and have less than 60% need met by scholarships and grants.

Federal Grants

Federal Pell Grant

The Federal Pell Grant is awarded directly to students by the federal government. The amount for which a student is eligible is determined individually by the U.S. Department of Education. Students who have financial need and meet eligibility requirements can receive a Pell Grant as long as they are making satisfactory academic progress toward their undergraduate degrees. Application is made by completing the Free Application for Federal Student Aid (FAFSA). Students may receive up to 6 years of full-time eligibility.

Federal Supplemental Educational Opportunity Grant (FSEOG)

The amount of financial assistance that students receive through a Federal Supplemental Educational Opportunity Grant depends upon their need, as determined by the completion of the Free Application for Federal Student Aid (FAFSA). Funding is extremely limited.

Federal Teach Grant Program

Through the College Cost Reduction and Access Act of 2007, Congress created the Teacher Education Assistance for College and Higher Education (TEACH) Grant Program that provides grants of up to $4,000 per year to students who intend to teach in a public or private elementary or secondary school that serves students from low-income families. In exchange for receiving a TEACH Grant, a student must agree to serve as a full-time teacher in a high-need field in a public or private elementary or secondary school that serves low-income students. As a recipient of a TEACH Grant, a student must teach for at least four academic years within eight calendar years of completing the program of study for which he/she received a TEACH Grant. If the student fails to complete this service obligation, all amounts of TEACH Grants that the student received will be converted to a Federal Direct Unsubsidized Stafford Loan which must be repaid to the U.S. Department of Education. The student will be charged interest from the date the grant(s) was disbursed. Since Centenary College does not offer a bachelor's degree in Education, the TEACH Grant can only be awarded to interested graduate students who specifically request the grant, meet the academic criteria, and complete the entrance counseling and 'ability-to-serve' certification.

Student Loans

Federal Direct Student Loan. This program allows freshmen to borrow up to $5,500 per year, sophomores up to $6,500 per year, and juniors and seniors up to $7,500 per year. Repayment begins six months after the student ceases at least half-time enrollment. The fixed interest rate is set each year by the Department of Education. Contact the Centenary Financial Aid Office for current eligibility requirements. Eligibility is determined by the completion of the Free Application for Federal Student Aid (FAFSA).

Federal Direct Parent Loan. This credit-based loan allows parents to borrow up to the cost of education less any financial aid awarded. Repayment begins sixty days after the final disbursement of the annual loan, but may be deferred while the student is enrolled. The interest rate is set each year by the Department of Education. Information is mailed to all admitted students.

United Methodist Student Loan. Members of the United Methodist Church may borrow $5,000 per academic year. Apply online at www.gbhem.org.

Private Alternative Loan. This program allows students (with a co-borrower) to borrow up to cost of attendance less any financial aid. Interest rates and repayment options vary depending on the lender. Information available at centenary.edu/fa/loans/alternative.

Academic Regulations

Admission to the College and attendance in classes are conditional upon acceptance of and compliance with the rules and regulations of the College as now established or hereafter revised. It is the responsibility of the student both to know the rules of the College and to abide by them.

The most important of these rules—those which constitute the very foundation upon which the educational program of the College rests—are contained in the Honor Code of Centenary College. As a condition of admission to and registration in the College, every undergraduate student must agree to comply wholly with the provisions of the Code. These provisions, along with other regulations governing College life, are published annually in the student handbook known as *The Centenary College Student Handbook*. The Honor Court also periodically publishes a booklet containing explanations and interpretations of the Code and its implications. Campus parking and traffic regulations are published online .

For the smooth and orderly completion of the chosen academic program and the requirements of the degrees offered by the College, it is essential for the student to become entirely familiar with the contents of the Centenary College catalogue.

The course offerings, rules, regulations, and fees appearing in this catalogue are announcements. They are not to be construed as representing contractual obligations of Centenary College, which reserves the right to change its course of instruction, fees, charges for room and board, and general and academic regulations without notice should circumstances warrant in the judgment of the College.

Faculty Advisors

Each student at Centenary College is assigned a faculty advisor whose duty it is to counsel the student regarding a degree program, vocation, or professional interests, the course schedule for each term, and progress toward graduation, including completion of general education and major requirements. Each faculty advisor is available for frequent consultation and will contact advisees for conferences in the case of deficient grade reports and for course planning and registration. Normally, however, it is the student's responsibility to seek advice when needed, and students should not hesitate to contact their advisors at any time.

Each incoming first-year student is assigned a first-year advisor, who is prepared to advise new students about any major or career path and who might not be a professor in the student's intended major. First-year advisors begin advising students upon admission to the College and usually continue at least through the initial fall semester. After the initial fall semester, students may choose with advisors with expertise in the area of their declared major. All students may change their major at any time. Transfer students are assigned either a first-year advisor or an advisor in their declared major; depending on their point of entry to Centenary.

Students, including first-year students, may change advisors at any time. To change advisors, students may contact the Chair of the major department for assistance, or in the case of smaller departments, may ask a faculty member to serve as their new advisor. The

student and new advisor should then inform the Office of the Registrar by submitting a Change of Advisor/Major Form. The student or new advisor should also inform the previous advisor and request that the student's file be transferred to the new advisor. Seniors and juniors who have filed a degree plan must be advised by a faculty member in their program. Students are welcome, of course, to discuss their course schedules and vocational plans with faculty members other than their primary advisors.

Registration

All students are required to register for each session by the end of the formal registration period designated by the College in the official academic calendar. Registration is not complete until all financial arrangements have been made. A late fee will be charged for the completion of registration starting with the first day of classes as indicated in the Expenses and Financial Aid section of the catalogue. No registration is permitted after the date specified in the calendar as the "last day for enrolling, adding courses, or changing sections."

Change of Registration

After registration is complete, a fee will be charged for any change of registration (i.e., for each course dropped, added, or modified) not initiated by the College as indicated in the Expenses and Financial Aid section of the catalogue. A change is initiated by the College when the student is required to make the change by an instructor, an advisor, the Registrar, or the Provost of the College. Classes may be added only with the approval of the instructor and the faculty advisor, and may require the approval of the Registrar; this may be done only until the date designated in the calendar. Classes may be dropped with the approval of the instructor, the advisor, and the Registrar until the date designated in the calendar as the "last day for dropping courses or changing enrollment status." If a student drops a course or is dropped by a professor after this day, a grade of "XF" will be recorded for the course. This same deadline applies to changing from "credit" to "audit" or vice versa and changing a regular registration to "Pass-Fail" registration or vice versa. Forms for initiation of course changes are available in the Office of the Registrar.

A student may change from one major or degree program to another at any time with the approval of both advisors concerned. Forms are available in the Office of the Registrar.

Student Leave of Absence

Students who wish to suspend their enrollment from the College for one or two consecutive semesters as a result of educational, personal, or financial considerations or because of physical or mental health issues may apply for a leave of absence. The student leave of absence will facilitate the student's return to the College at the conclusion of the leave as well as ensure communication between the College and the students during the period of the leave. Students who have been granted a leave of absence do not have to apply for readmission. Leaves of absence are for a maximum of two consecutive semesters. Students may be granted no more than two leaves of absence during their enrollment at the institution. If a leave of absence is granted during a semester, each uncompleted course in which a student was enrolled remains on the transcript with a grade of "W". Students on leave of absence must be in good financial standing with the College to be eligible to return to the institution. Students who wish to apply for a leave of absence should contact the Dean of Students.

Withdrawal

If it should become necessary for a student to withdraw from the College, permission must be secured from the Provost of the College. In order to begin the withdrawal process, a student must obtain the withdrawal form from the Office of the Registrar. Permission will not normally be given except in case of an emergency after nine weeks of the semester have elapsed. The student must discharge all financial obligations to the College and be cleared by the College library in order to receive the Provost's approval. Official withdrawal is the date when the student turns in their completed withdrawal form to the Office of the Registrar with the approval of the Provost of the College to withdraw. All institutional refunds are based on that date, regardless of the date of last attendance. In addition there are academic penalties for failure to complete the proper procedures. Once the withdrawal form is complete, it must be returned to the Office of the Registrar to finalize the withdrawal process. *Failure to attend classes does not constitute withdrawal, and if students leave the College without completing the withdrawal procedures, they will receive a grade of "XF" in all courses in which they are were registered and will forfeit any right to refund of fees. Credit for completion of service-learning or career exploration will be recorded if a student completes these components prior to withdrawing from school.*

Repeating Courses

By permission of the instructor or the Provost, students may repeat once any course at Centenary for which credit has been earned to improve their grade. Hour credit toward graduation is earned only once per each course. An exception would be for courses which are permitted to be repeated for credit.

All grades earned in all repeated courses will appear on the students' transcripts. The highest grade earned in a course will replace previous grades earned when calculating grade point average.

Classification

A "regular student" or "full-time student" is defined as one enrolled for credit in at least twelve credit hours of course work. A full-time student in the summer is one enrolled for credit in at least six hours. (To receive full VA benefits on a continuous basis, registration must be for at least six credit hours over the duration of the summer session.)

Regular students are classified as follows: Freshmen are those with fewer than thirty credit hours; sophomores, those with thirty through fifty-nine credit hours; juniors, those with sixty through eighty-nine credit hours; seniors, those with ninety or more credit hours.

When students participate in an overseas program administered by Centenary College, they will be considered "full-time students" when enrolled for credit in at least nine credit hours of course work. Students will pay for the number of hours in which they actually enroll.

Course Load

Students may take no more than eight credit hours during a single summer term. An excess of eight credit hours in a single summer term is unpetitionable.

Students may take no more than one course during a single immersion term, and cannot petition to take in excess of one course.

No more than 16 credit hours can be earned between a spring semester and a fall semester; of that 16, a maximum of 9 hours can be transferred in from outside Centenary.

Course Sequence

Courses are numbered as follows: 100's – freshman-level; 200's – sophomore-level; 300's – junior-level; 400's – senior-level. Students should not enroll in courses in the upper division (numbered 300 and above) without having taken the prerequisite lower-division courses. Students wishing to take courses numbered higher than their current classification should consult the chairperson of the department concerned.

Courses are also designated as sequential-double numbered year courses. (See course listings section.) As far as possible, enrollment in these courses should maintain the sequence. Students who have failed a course in such a sequence will not be permitted to enroll in the more advanced course without the express permission of the instructor and the Provost. Students who have received an Incomplete grade in a course may, with the permission of the instructor, enroll in the more advanced course.

Class Attendance

The Centenary College faculty and administration believe that regular and systematic class attendance is an important and necessary ingredient of the educational process at Centenary. The College expects students to place a high priority on regular attendance. Faculty members may establish their own attendance policies.

Students at Centenary College are responsible for mastery of material presented in the class session of the courses in which they are registered. Members of the faculty are not expected to provide students who absent themselves from class without emergency reason with material (including examinations) covered in class. Faculty members are expected to inform the Assistant Provost for Student Support when students are absenting themselves from an excessive number of classes.

Because of Veterans Administration regulations, the faculty must report to the Financial Aid Office any veteran who is absent in excess of three times the number of scheduled class sessions per week. The Director of Financial Aid will notify the Veterans Administration of the absences.

Convocation Attendance

Recognizing the importance of gathering together regularly as a community to learn, reflect, and engage with each other, the Convocation Hour occurs on Thursdays of each month (excluding December, January and May) during the academic year from 11:10 a.m. to Noon. This is a time set aside for reflection meditation, and intellectual contemplation on Centenary's campus. During the Convocation Hour, no other events may be scheduled on campus by faculty, staff or students with the exception of official Board of Trustees meetings and the academic classes that begin at noon. All campus offices are urged to close for the Convocation Hour with the exception of those providing essential or emergency services. The Convocations Committee will program the Convocation Hour.

Examinations and Preparation Week

All students are required to take the written examinations ranging from two to three hours in duration at the end of the term in all courses except those in which the material covered does not lend itself to this type of measurement.

As of 8:00 a.m. on the first day of **Preparation Week** no tests other than lab exams may be given. No papers or other class work can be made due unless it was assigned on the syllabus in the first week of the term. Total class activity during prep week may not consume more than a class's typical weekly allotment of time.

Grading System

At the end of each term, letter grades are given in each course. These grades, their general significance, and their equivalent quality points are as follows:

A – work of high distinction; four quality points per hour

B – above average work; three quality points per hour

C – average work; two quality points per hour

D – passing work, but below average; one quality point per hour

F – failing work; no credit, no quality points; hour credit counts as work attempted in calculating averages

XF – the grade recorded for a course dropped after the last day to drop a class; no credit, no quality points; hour credit counts toward work attempted in calculating averages.

P – the grade recorded when a student successfully completes a course under the Pass-Fail system (see below); no quality points; the credit given is not used in calculating averages

CR – credit; the notation recorded when a student fulfills the requirements of a course for which no credit hours are earned; no quality points

NC – non-credit; the notation recorded when a student does not fulfill the requirements of a course for which no credit hours are earned; no quality points

I – incomplete work; given only when emergency prevents the student from completing final examination or other concluding work of the course at the scheduled time. This temporary grade must be removed during the next regular semester by the time listed in the academic calendar (unless an extension is approved by petition), or it is automatically converted to a permanent "F"

IR – in progress; the notation recorded when a student project initiated in one semester is carried over the traditional semester limits because of the nature of the study. The student's faculty supervisor will submit a form, obtained from the Registrar's Office, to the Provost for approval.

W – withdrawal; no credit, no quality points (see section entitled "Withdrawal").

At mid-term, instructors report to the Provost of the College all grades averaging below "C." These are not permanent grades, but are used as warnings that improvement is necessary. Both faculty advisors and students receive these deficiency reports; students receiving such reports should immediately consult their advisors.

Grade Appeal Policy

I. Introduction
   1. It is the policy of Centenary College that students are responsible for fulfilling prescribed course objectives, completing stated course assignments, and adhering to stated academic standards for each course in which they are enrolled. If an instructor has evaluated a student in a professionally accepted manner, an academic appeal is not warranted. Also, it is an inappropriate recourse for questions of professional competence or academic freedoms. Only charges of arbitrariness, capriciousness, and prejudice are subject to academic appeal.
   2. Based on these principles, issues eligible for appeal involve computational errors, application of course rules, clear and timely communication of changes to syllabi, consistency and communication of evaluation standards, and expressed bias.
   3. Students who believe that their final grade reflects an arbitrary or capricious academic evaluation or reflects discrimination based on race, color, religion, age, sex, sexual orientation, or disability may employ the following procedures to seek modification of such an evaluation.

II. Procedures
   1. If a student receives a final grade in a course which he/she believes is unfair, the student should first contact the faculty member involved as soon as possible, being mindful of the deadline for a written appeal to the department Chair, if warranted (II.2.).
   2. If the student complaint is not resolved, the student may appeal his/her grade to the department Chair. It is the student's responsibility to provide a written statement of the specific grievance with all relevant documentation (syllabus, guidelines for papers, presentations, etc.) attached prior to the end of the drop period for the regular academic term that immediately follows the course in question.
   3. It is the department Chair's responsibility to provide a written response to the student and faculty member within three weeks of submission of the appeal. If the department Chair is unable to resolve the grade appeal to the satisfaction of either the student or faculty member involved, then the student or faculty member may make a written appeal with all relevant documentation to the Provost and Dean of the College no later than six weeks after submitting the appeal to the department Chair. If the person giving the disputed grade is the department chair, the student should refer the matter instead to the Provost. The Provost may make recommendations to the student or instructor and will try to find an equitable solution to the dispute. A final decision on the grade appeal will be made by the Provost and shall be considered final.
   4. All parties to the grade appeal process (student, instructor, or department Chair) are to maintain strict confidentiality until the matter is resolved.
   5. Any grade change must be forwarded to the Provost and Dean of the College for review and endorsement.

English Proficiency

In the evaluation of all academic exercise, the quality of English used by the student will be considered. Every student in every course is expected to use English that is grammatically correct and logically sound. Every Centenary student is expected to demonstrate a high level of proficiency in oral and written communication. Failure to meet recognized standards of English composition may result in a lower grade in any course.

Transfer students and Trek

Transfer students who have earned 27 hours of credit toward a degree at another institution after graduation from high school including a college level writing course will be exempt from the TREK 115/116 sequence.

Pass-Fail Courses

Students who have attained sophomore standing may register for "Pass-Fail" courses. The usual credit will be given if the course is successfully completed, but the grade will be recorded simply as "P," and the cumulative grade point average is not affected. However, the student must earn at least a "C" to receive the grade of "P." If the course is not successfully completed for a "P," the student is assigned a grade of "D" or "F," and the cumulative grade average will reflect the "D" or "F."

No more than twelve credit hours taken under the "Pass-Fail" system may be attempted toward graduation, exclusive of courses that are only offered "Pass-Fail". A maximum of four credit hours may be attempted "Pass-Fail" in any one term, with the exception of courses that are only offered "Pass-Fail". Courses may not be taken "Pass-Fail" in a student's major or minor department except for module and internships that are approved by the department.

Students should be aware of the fact that some graduate schools when reviewing transcripts may consider a grade of "P" as equivalent to a "C" grade.

Supportive courses for a major can be taken "Pass-Fail" unless otherwise specified.

Academic Progress, Probation and Suspension

1. New full-time, first-time, first-year students must attain a grade point average of at least 1.5 their first semester at Centenary College.

2. All other students, including those transfers who are in their first semester at Centenary, must maintain a 2.0 'current or cumulative' grade point average every semester they are enrolled at Centenary.

3. Students are placed on academic probation if they fail to meet the above requirements. Students on probation are limited to taking 13 credit hours in the next semester and must complete an action plan developed by the Assistant Provost for Student Support. Each student's action plan will lay out specific steps that the student will take to improve his/her academic performance and return to good standing.

4. Suspension is automatic for students who fail to maintain the required grade point average for two consecutive semesters. For students who fail to attend college for a semester or more, the term "consecutive semesters" means the two most recent semesters in which the student was enrolled at Centenary.

5. Suspension is for a minimum of one regular semester. Students under suspension may not count the summer terms as fulfilling the one regular semester requirement; suspension applies only to the fall and spring semesters. Students who attend Centenary summer school may remove the suspension or probation if they raise their cumulative grade point average above the appropriate level required to remain in good standing.

6. Students under suspension must not expect to be admitted to another institution during this semester, nor will any credit undertaken be transferable back to Centenary.

7 . After this minimum period of suspension the student may apply for readmission to the College. Readmission is not automatic, but if granted, the student is readmitted under academic probation. A student is ineligible for scholarships and financial aid the first semester they return from academic suspension.

Eligibility for Participation in Activities

When placed on a second or subsequent probation, students are prohibited from representing the College in any extracurricular activity. Activities that are prohibited include, but are not restricted to, intercollegiate sports; choir; musical ensembles; staff work on campus media; musical performances; dramatics, including backstage work; participation in Student Government Association and related committees.

Major Fields, Concentrations, and Degree Plan

As early as possible after deciding upon a major field, students should, in consultation with their faculty advisors, plan the remainder of their degree programs, so that they may proceed in an orderly way to meet major and degree requirements. Students must file their degree plans, approved by their advisors and endorsed by the Registrar, before registering for the fall semester of their senior year. If not received by the day before the start of fall registration, a hold will be placed on the student's account until degree plan is turned in to the Office of the Registrar. Junior and senior transfers are expected to file a degree plan before the end of their first semester of residency. Most students find it advisable to file a degree plan upon declaring a major.

A major consists of a set of courses within one department or one area of concentration totaling from twenty-two to forty-eight credit hours. A major may also consist of a set of prescribed courses from two or more departments totaling from twenty-two to forty-eight hours. A major's curriculum cannot require more than forty-eight of the 124 hours needed to graduate with one degree.

Some programs on campus may choose to offer concentrations within a major. Each major having 2 or more concentrations may have 12 to 36 hours in common (otherwise known as major "core" courses) and up to 12 hours in distinct courses that differentiate each concentration within the major. A student may choose only one concentration in a major.

Supportive courses may be required, but must be drawn from disciplines that are distinct from the major discipline. It should be clear that these supportive courses are foundational to the major.

Students must take a minimum of twenty hours that are not used to satisfy Core requirements and that cannot be used to satisfy requirements for a major (including all concentrations within a major), supportive courses, prerequisite courses or courses listed in the major department. These twenty hours may not include cross-listed courses which could count toward the major.

A student who transfers more than one half of the upper-division courses required in the field of his major must complete additional hours at or above the 300-level in this major as determined by the chairperson of the department concerned. The minimum residency requirement is sixty hours.

Minor

Students may elect to declare a minor in a department outside their major department. A minor is a minimum of sixteen hours with at least six hours in courses above the 300 level. Students must maintain a grade point average of 2.0 or higher in all Centenary College courses within the minor. If a student takes a course that can contribute to the minor, then the grade for that course is included in the GPA calculation. Specific requirements for minors are listed in each department. Students must take courses in their minor subject for a letter grade. Courses taken P/D/F are not acceptable.

Time Limit

If students do not complete degree requirements within seven years after matriculation in this or another collegiate institution, they must complete an additional twelve credit hours at or above the 300 level in their major subject; except that students who attempt to complete degree requirements entirely by part-time attendance may be exempted from this requirement on recommendation of their major department chairperson.

Academic Petitions

The faculty has established a procedure to act on the requests of students for exception to, or waiver of, academic regulations. See the Registrar to access the online petition and for information on what issues may or may not be petitioned. Prior to drafting the petition the student must consult with his or her advisor.

Immersive Courses

During May and August immersive terms, departments of the College offer courses whose topics may vary from year to year. The purpose of the immersive term is the enrichment of the liberal arts curriculum by concentrated study on topics of general or specialized interest. Some immersive courses will involve study off campus.

LIBERAL ARTS EXPLORATIONS

Humanities

- ART 101, 102, 151, 178, 201, 250, 290, 291, 305W, 306S, 310
- COMM 151, 178, 180, 250, 262 315
- ENGL 102, 178, 201, 219, 262, 278, 290, 301S, 315, 321W, 322, 323, 333W, 341W, 362S
- ENST 290
- FLNG 393W, 394W
- FREN 306, 308, 421, 430
- HIST 102, 103, 205, 206, 302, 303, 305, 306, 312, 321W, 322W, 333
- MUS 101, 105, 143, 360, 443S
- PHIL 101, 102, 202, 206, 212, 301, 302, 303S, 304, 309, 311
- PSC 208
- REL 101, 102, 111, 204, 205, 230, 260, 265, 280, 284, 303S, 308, 315, 320, 332, 352, 375, 411W, 415, 420W
- SPAN 315, 316, 317, 318
- THEA 111, 112, 208, 307, 308

Humanities: Performance courses

- ART 104, 211, 330, 331, 332
- DANC 101, 201, 301, 401
- MUS 109, 111, 130-131, 139-140, 153-160, 170, 270, 370, 470, 180, 280, 380, 480

Symbolic Reasoning

- CSC 107, 207
- MATH 102, 104, 107, 109, 115, 201
- PHIL 210

Natural Sciences

- BIOL 101, 202, 204, 405
- CHEM 105/115, 121/123, 122/124, 348
- GLG 101, 103, 202, 208
- PHYS 103/113, 104/114, 105/115

Social Sciences

- BUSN 301
- EDUC 225
- ECON 105, 108, 211, 212, 305, 351S
- PSC 102, 103, 110, 111, 312, 325, 331, 335W, 352, 356
- PSY 101, 230, 250 ,260, 325, 348, 352, 355, 357, 359, 369
- REL 308
- SOC 101, 112, 202, 260, 308, 310S, 316, 317, 354, 364, 404S

- ***Various 190 and 290 courses as approved***

These courses from the above list are topical courses in the three challenge areas:

CHALLENGE: EXPAND our CIRCLE

- ART 201, 291
- COMM 180
- ECON 108
- FREN 306
- HIST 306, 321W, 322w
- MUS 105
- PHIL 102, 304
- PSC 103, 312, 331, 352, 356
- PSY 369
- REL 111, 204, 205, 280, 284, 308, 315, 332, 352
- SOC 202, 308, 317, 354, 364
- SPAN 317

CHALLENGE: CREATE a SUSTAINABLE WORLD

- BIOL 101, 405
- CHEM 105, 348
- ECON 105, 305
- ENST 290
- GLG 103, 208
- HIST 302
- PHIL 202, 212
- PSY 348
- SOC 316

CHALLENGE: LIVE a MEANINGFUL LIFE

- ART 178
- COMM 178, 315
- ECON 351S
- ENGL 178, 315
- HIST 305
- MUS 101, 360
- PHIL 301, 303S
- PSY 325
- REL 101, 102, 230, 260, 265, 303S, 375, 411W, 415, 420W
- SOC 310S, 404S

CHALLENGE focus will vary:

- ENGL 201, 301S
- Various 190 and 290 courses as approved

Degree Requirements

(Please note, the frequency of course offerings is listed as a guideline only, and is dependent on annual staffing. Students should consult with their advisors before assuming that a course will be offered in a given term.)

1. Requirements for All Degrees

A. Earn no fewer than 124 credit hours. No more than eight hours may be earned in activity courses.[1] The last 30 credit hours required for graduation must be taken in residence. At least 60 credit hours must be taken at Centenary.
B. Earn at least 30 hours numbered 300 or above.
C. Meet the basic requirements for the degree to be earned.
D. Meet all requirements for a major field of study.
E. Maintain a grade point average of 2.0 or higher in all work taken at Centenary.
F. Maintain a grade point average of 2.0 in all Centenary College courses within the major. If a student takes a course that can contribute to the major, excluding supportive courses, then the grade for that course is included in the GPA calculation.
G. Discharge all financial obligations to the College.
H. Meet the requirements of a catalogue published in one year of attendance and within five years of the proposed graduation date.
I. Submit to the Registrar an approved degree plan and an application for graduation candidacy by the deadlines printed in the catalogue under "Graduation Candidacy."
J. Be approved for graduation candidacy by the Centenary faculty and Board of Trustees.
K. Be present at the Commencement exercises to receive the degree conferred, unless an exception is approved by the Provost's office.

The General Education Program

Grounded in the liberal arts, our academic program embraces courses in the arts and humanities, the natural sciences, and the social sciences. At the same time, we recognize the shifting landscape of our changing world, and so we provide our students with the practical tools to navigate the challenges and opportunities that lay ahead.

2. The Trek

TREK is an intentional approach to higher education that combines the best traditions of the liberal arts with the real world knowledge and skills required of leaders in the 21st century. By connecting the theoretical with the practical, the domestic with the international, the scholarly with the social, Trek encourages a lifelong dedication not only to learning but also to serving others. Our mission is to incorporate into Centenary's required curriculum distinctive, experience-based programs for students to enhance their self-knowledge and social awareness through career and graduate school preparation, intercultural engagement, and civic involvement. For detailed descriptions, see the Trek pages of the course catalogue.

A. Credo
B. Challenge
C. Community
D. Career
E. Culture

3. Liberal Arts Explorations

The general education experience at Centenary College includes an integrative introduction to the challenges that confront humankind in the early 21st century; the development of foundational critical thinking and expression skills, with an emphasis on human artistic and cultural accomplishments; an appreciation for symbolic reasoning; the nature of the material universe; and an exploration of human behavior. An overarching theme for annual convocations programming is chosen on a rotating basis from among three global challenges chosen by the faculty: How to Live a Meaningful Life, Expanding our Circles of Engagement, and Sustainability.

The traditions of a liberal arts education help people develop the habits of well-ordered thought. A grounding in the foundations of the liberal arts will allow students to pivot to face the 21st century challenges as they evolve and to derive approaches to new challenges as yet unidentified. Therefore, students are required to take 8 courses (32 hours) distributed across the following disciplines chosen from the list of approved courses.

- **Humanities**
  (courses in which students critically analyze and evaluate human artistic and cultural accomplishments. Students may – and are encouraged to – take up to four hours in fulfillment of this requirements in courses that teach aesthetic appreciation through performance or production)
  3 courses (12 hours)
- **Natural Sciences**
  (courses through which students explore the nature of the material universe)
  2 courses that include one laboratory course (8 hours)

1 WAC 101-102; DANC 101, 123-124, 201, 301; MUS 133; 151 through 160.

- **Social Sciences**
  (courses through which students examine human behavior through systematic analysis of data)
  2 courses (8 hours)
- **Symbolic Reasoning**
  (a course in which students develop a facility in and appreciation for symbolic reasoning)
  1 course (4 hours)

Additional Graduation Requirements:

- Bachelor of Arts (BA): proficiency in a language other than English equivalent to the first year
- Bachelor of Science (BS): proficiency in mathematics equivalent to a course in calculus and a second course in calculus or one course in statistics

4. Proficiency Requirements

A Take at least one course that is described as a W (writing) course. The W (writing) courses offered at the 300 level require a minimum of 12 typed pages of graded writing. The 12 pages may be small papers or one major paper. The focus is on quality of writing in the discipline, using the College style sheet or the acceptable style within that discipline. A vital part of the experience is intervention on the part of the faculty member to assist the student to reach a point of proficiency in writing.

B. Take at least one course that is described as a S (speech) course. The oral presentation for a course fulfilling the requirements for a S (speech) course should consist of at least 45 minutes of total graded speaking time per student. The presentation(s) should be critiqued and graded on content and speech delivery. The speech(es) should contain prepared as well as spontaneous interaction to questions. Evaluation sheets will be completed for each presentation. Students with problems in speech presentation should have an opportunity to review critiques and make a second presentation. The emphasis is to improve oral communication skills in English.

C. The S and W requirements are two distinct requirements and can only be fulfilled by taking two distinct courses. These courses do not necessarily have to be 4-hour courses. The professor will notify the Registrar of any students who fail to satisfy the S or W requirement. No transferred courses will be considered for satisfying the S or W requirement of the College.

Transfer Credit for Admitted Students

Centenary students may enroll in courses at other accredited colleges and universities and transfer credit hours to Centenary. Students are required to earn at least 60 hours at Centenary to earn a Centenary degree, with an additional 30 hours of work at Centenary for dual degrees. The Transfer Credit Policy listed within the Admission section of catalogue will apply to all students who have been admitted to Centenary and who wish to transfer credit after their admittance.

Graduation Candidacy

Students assume responsibility for informing the Registrar of their intentions to graduate from Centenary by (1) filing an approved degree plan with the Centenary Registrar and (2) applying for admission to graduation candidacy. The Registrar evaluates degree plans and monitors each candidate's progress toward degree completion for each semester of the academic year leading up to graduation. All candidates' names are posted to a graduation list which forms the inclusive group presented to the Centenary faculty and Board of Trustees each spring. A candidate must be approved by both the faculty and the Board to participate in commencement and receive a Centenary diploma.

Students must **apply to graduate** seven months prior to the conclusion of the fall or spring most closely associated with when they expect to finish their degree requirements. That is, students planning to graduate at the end of the spring or summer terms must apply by the end of the preceding October; students graduating in fall must apply by the end of the preceding June. Students are encouraged to apply in advance of the seven month deadline. Seniors who have applied to graduate and then delay finishing must inform the Registrar of their changed intentions, but are exempt otherwise from the seven month pre-notification period.

A **degree plan** must be filed before they apply for candidacy for graduation. Students must file their degree plans, approved by their advisors and endorsed by the Registrar, before registering for the fall semester of their senior year. If not received by the day before the start of fall registration, a hold will be placed on a student's account until the degree plan is turned in to the Office of the Registrar.

Classification as a candidate does not guarantee that a student will graduate. Students can be added to and removed from the candidate list. Once removed from this list, a student must reapply for candidacy. The candidacy list is maintained by the Registrar, and candidates' names are posted to the Office of the Registrar's webpage. In accordance with the Family Education Records and Privacy Act (FERPA), candidates' names will not be listed on this public website if a candidate requests exclusion in writing at the time of application.

During the academic year of their candidacy, students are eligible to participate in graduating senior activities (including commencement ceremonies in May) and to receive their Centenary diplomas. To receive a diploma, a candidate must satisfy all degree requirements no later than noon on the last Wednesday preceding the Saturday commencement service each May.

A candidate's graduation date is posted to the transcript at the end of the fall, spring, or summer term in which all degree requirements are completed. Diplomas are conferred at the conclusion of the spring term. Candidates who complete the degree after the spring term participate in the subsequent spring's commencement and receive their diplomas at that time.

Commencement

Students who complete graduation requirements by the spring of a given year normally participate in commencement exercises at the close of that spring semester. Students who are very near completion may participate in commencement if they fulfill the following conditions:

- they must be within 8 hours of completing all graduation requirements;
- they must, in consultation with their academic advisor(s), develop a Degree Completion Plan (available from the Registrar) showing how they intend to complete the remaining degree requirements by the end of the fall semester of the calendar year in which they plan to process;
- they must submit the Degree Completion Plan to the Registrar by the end of the last day of classes for the spring term as indicated in the College's Academic Calendar.

In such circumstances, participation in commencement exercises does not imply the conferral of a degree, nor will a diploma be given to the student or a transcript be released until all graduation requirements are complete. This policy and its provisions are not subject to alteration by petition.

Double or Multiple Majors

Students who satisfy all requirements of more than one major in a single degree may have all majors entered upon their transcripts. Students who meet all requirements stated in the Section, "Second Degree," may receive two diplomas simultaneously for work earned in two or more major fields of study. Students who are double majoring in B.A. and B.S. majors simultaneously must fulfill the requirements for both B.A. and B.S. degrees.

Second Degree

To qualify for a second baccalaureate degree, graduates of Centenary must present a minimum of thirty additional credit hours. Students with a baccalaureate degree from another institution must meet all core requirements, either by acceptable credits transferred from the first degree or by work at Centenary, and successfully complete a minimum of sixty hours in residence. Students must meet the degree requirements listed under the Degree Requirements section, and meet all requirements of the catalogue of the year they enrolled for the second degree and complete them within five years. No student is eligible for more than two undergraduate degrees at Centenary. Students who satisfy all of the requirements for a second degree may have both degrees conferred in a single ceremony and will receive two diplomas. Students may lose eligibility for undergraduate financial aid once they earn a baccalaureate degree. They should check with the Financial Aid Office before determining whether to earn two baccalaureate degrees simultaneously.

The total number of "Pass-Fail" hours under both first and second degrees may not exceed sixteen credit hours. (See exceptions under "Pass/Fail Courses.") Students wishing to apply to a second major who have already taken a Pass-Fail course under the first degree should consult the chairperson of their major department.

Academic Honors and Organizations

Graduation Honors

The baccalaureate degree is awarded with special distinction to graduating seniors with cumulative averages of 3.5 or better. Candidates with averages between 3.5 and 3.69 are graduated cum laude; those with averages between 3.7 and 3.89, magna cum laude; and those with averages 3.9 and above, *summa cum laude*. To be eligible for such recognition a student must have at least 60 graded hours (hours used for the calculation of ones GPA) taken at Centenary. The overall average of all work attempted at Centenary will be used to determine eligibility for honors as well as the level of honor earned.

Dean's List

Each semester, students who have achieved a grade point average of 3.50 or better in twelve or more credit hours taken at Centenary for a letter grade are accorded the academic honor of being on the "Dean's List."

Departmental Honors

The faculty responsible for the various majors at Centenary may invite students of outstanding ability to pursue Honors in their major field of study, traditionally called Departmental Honors. The requirements to earn Departmental Honors have been designed by the faculty and approved by the Academic Policy Council. Honors programs include opportunities for independent study with an accompanying paper, a substantial research report, or, in the case of the arts, a project to be decided by the individual program. The research or project may in some cases be done during the summer. All students working toward honors are required to present their independent study paper, research paper, or project at the Student Research Forum or at some other program-approved forum.

To be eligible for Departmental Honors, a student must have attained a grade point average of 3.25 in both major course work and overall course work. In order to be invited to pursue honors, a student must have attained junior standing and must have completed at least thirty-two hours of graded course work at Centenary. Some departments may have additional eligibility requirements. A student must have participated in the program for at least two semesters and the department must certify that all work required by the program has been completed satisfactorily before honors are awarded at commencement. Some departments may accept research carried out at another institution under the direction of a research supervisor not otherwise affiliated with Centenary College in lieu of completing a project at Centenary. Consult individual departments for details.

Students pursuing honors must collaborate with a faculty supervisor. The student and the supervisor will select one or more other faculty members who will join with the supervisor in a committee to oversee the student's project. One committee member must be from outside the student's major field of study. When the committee is formed, the application/eligibility form must be filed in duplicate with the Registrar. Upon completion of the project, all committee members must again sign the application form reporting the results.

Attainment of Departmental Honors does not supplant traditional graduation honors (see above). Thus a student may graduate "Bachelor of Science with Honors in Mathematics" magna cum laude, or "Bachelor of Arts with Honors in English," or "Bachelor of Science in Biology" summa cum laude.

Interested students should consult the chairperson of their major department or the department in which major field of study is located for specific information.

Honor Societies

The highest academic recognition that can come to a Centenary student is election to Alpha Chi, national scholastic honor society for juniors and seniors ranked in the top ten percent of their class. Omicron Delta Kappa, national honorary fraternity for men and women, recognizes leadership, scholarship, and service in various fields of activity. Outstanding students are elected to this fraternity from the junior and senior classes by members of the circle. Membership in the Maroon Jackets is another of the high honors that can be bestowed upon a Centenary student. The Maroon Jackets are selected from among students who will be entering their final year, who have excelled scholastically (3.0 average required) and have shown outstanding leadership and service to the College. They are the official hosts and hostesses of the College, representing Centenary at all functions of major importance.

A number of honorary fraternities and service organizations which recognize scholarship in a particular field have chapters on the Centenary campus. Students interested in these organizations should consult with the Chair of their major department about the requirements for election.

Honors Awards

Each spring awards are given in recognition of outstanding performance in many areas of the College community. The following list represents a sampling of the awards presented.

Alpha Epsilon Delta Award

This award recognizes the A.E.D. initiate with the highest grade point average.

Alpha Kappa Delta Award

A plaque is presented to a junior or senior with twelve or more hours of sociology studies, an overall grade point average of 2.5 and a grade point average of 3.0 in sociology.

Athletic Achievement Award

This award recognizes a male and female varsity senior athlete who has excelled in the classroom, athletic arena, and Centenary community.

Chris T. and Sue C. Barnette Memorial Award

The award goes to the outstanding junior or senior majoring in history or political science with a concentration in International Studies.

M. T. Brewerton Award Fund for English and History

Awarded to the outstanding graduating senior majoring in English and to the outstanding graduating senior majoring in History.

Ellis H. Brown Leadership Award

These awards are presented to the senior man and woman who, throughout the years at Centenary, have displayed outstanding leadership qualities among the student body.

Minnie Hall Brown and Wiley Bush Brown, Jr. Award

This award is given in memory of Minnie Hall Brown and Wiley Bush Brown, Jr. It is awarded to a sophomore level Mathematics major who has a 3.0 or above.

Virginia Carlton Mathematics Award

A book is presented to the freshman who has had one year of calculus and who has accomplished the most in mathematics, maintaining a minimum 3.5 grade point average.

C R C Press Chemistry Award

A commemorative scroll and the current edition of The Handbook of Chemistry and Physics are presented to a freshman student who has shown outstanding achievement.

Chemistry Academic Award

An award to a graduating senior in chemistry and/or biochemistry who has achieved academic excellence and service to the Department of Chemistry.

D. L. Dykes Founders' Award

At their Endorsement Service an award is presented by the Christian Leadership Center to a student who has demonstrated excellence in his/her field education and field work settings.

Estwing Manufacturing Company Award

A rock hammer is presented to the most outstanding graduating senior majoring in geology.

John A. Hardin Award

A book is presented to the most outstanding senior mathematics major who has a 3.5 minimum grade point average and has shown potential creativity in the field of mathematics.

The Hallquist Elementary Education Award

This award is presented to the outstanding graduating candidate in Elementary Education who has a grade point average of 3.0 or higher, and who has met all requirements for Louisiana State Teacher Certification in Elementary Education, including obtaining passing scores on all parts of the PRAXIS (National Teachers' Exam). Also, this student must have demonstrated leadership and creativity in planning, implementing and evaluating instruction at the elementary level. This candidate must also exhibit all of the characteristics of an exemplary teacher and must have shown an extraordinary dedication to the profession.

Rob Laha Memorial Award for Excellence in Theater

Recognizes a Centenary student who has demonstrated an exceptional talent within the theater program during his or her undergraduate career.

P. B. Lindsey Freshman English Award

This fund was established to recognize outstanding academic performance by a freshman English major with promise in distinctive creative writing.

C. Wright Mills Award

An award is presented to the sociology major best exemplifying C. Wright Mills' vision of promise of sociology and demonstrating sociological imagination.

Poppy K. Moon Endowed Award

Awarded to the outstanding female natural science major who is in her junior or senior year of study.

Outstanding American History Student

The Colonial Dames of America, Chapter 6, present a check to the student who has the most outstanding record of academic success in American History.

Outstanding Freshman Music Major Award Shirley Hawn Award

A plaque is presented to an outstanding freshman music major.

Outstanding Graduating Music Major Award

A plaque is presented to a music major completing the senior year.

Woodrow W. Pate Award in Economics

Woodrow Pate served as Professor and Chairman of the Economics Department at Centenary from 1949-1977. He passed away in August 2002. To honor his memory, the Economics Department instituted this award that goes to the underclass student who demonstrated the greatest aptitude for study of economics.

Thomas A. Pitt Memorial Award

A check is presented to the junior or senior student planning a church-related career who has demonstrated significant academic performance as evidenced by the grade point average in religious studies.

Dr. W. Ferrell Pledger Honor Award In Sociology

A check is presented to the sociology major graduating with the highest grade point average. The recipient's name is also engraved on a departmental plaque.

The Excellence in Political Science Award in Honor of Professor Rodney Grunes

Awarded to an outstanding graduating senior with the most impressive academic achievements in political science.

Psychology Award

A check is presented to the outstanding psychology major chosen by the department.

Cecil E. Ramey, Jr. Frost School Of Business Award

A check is presented to an outstanding senior chosen on the basis of scholarship, leadership, character, and service to Centenary College.

Verba J. Schwab Memorial Endowed Leadership Award

This award, in memory of Mrs. Verba J. Schwab, was created and established by Dr. Kenneth L. Schwab to recognize a first or second year female student at Centenary College who demonstrates the capacity for significant leadership. The recipient must possess a strong character, demonstrate an enthusiastic commitment to others, and maintain a grade point average of 2.5.

S.G.A. Bullet Award

The Student Government Association recognizes a senator, officer or chairperson for outstanding service to Centenary through the S.G.A.

James Sears Award

Presented to a student pursuing a church-related career who has made a substantial contribution to the Christian Leadership Center community.

Sigma Tau Delta Award

The name of the senior student graduating in English with the highest cumulative grade point average is engraved on a plaque which hangs in the Library.

Katherine Slaikeu Nolan Award for Historical Research

Recognizes the Centenary student who has demonstrated an exceptional talent for historical research during his or her undergraduate degree.

W. A. Tarr Award

Sigma Gamma Epsilon National Earth Science Honor Society presents a certificate to the individual who has contributed the most to the chapter's activities and welfare, and who best exemplifies the traditions of the society.

Allan Todd Memorial Award for Resident Assistants

Award to outstanding resident assistant(s) at the Spring Honors Convocation.

The Dian Tooke Student Service Award

This award is given to a graduating senior, who has made leadership through service to the community a priority during their college career.

Top Business Major Award

This award is given to a Business Major student for their outstanding academic achievement in the Business Major.

Top Economics Major Award

This award is given to a student for their outstanding academic achievement in the Economics Major.

Vroonland Secondary Education Award

This award is presented to the outstanding graduate in Secondary Education who has a grade point average of 3.0 or higher, and who has met all requirements for Louisiana State Teacher Certification in Elementary Education in his/her content area for Secondary Education, including obtaining passing scores on all parts of the PRAXIS (National Teachers' Exam). Also, this student must have demonstrated leadership and creativity in planning, implementing and evaluating instruction at the elementary level. This candidate must also exhibit all of the characteristics of an exemplary teacher and must have shown an extraordinary dedication to the profession.

Vroonland Psychology Award

Awarded to a psychology major planning to attend graduate school. If none, then awarded to the outstanding senior in Psychology.

Dr. Leroy Vogel Memorial Award

A check is presented to an outstanding student majoring in history or political science, based on overall academic achievement in the major.

Weems, Shimpf, Haines, Landry, Shemwell and Moore Pre-Law Award

The recipient is selected from a third year pre-law student who achieves excellence in pre-legal studies.

Who's Who Among Students In Universities And Colleges

Certificates are presented to seniors selected on the basis of grade point average, leadership, service to the college community, and potential for future achievement.

Courses of Instruction

Degree Offerings

Centenary College offers two undergraduate degree programs, one leading to the Bachelor of Arts and another to the Bachelor of Science.

B.A. degree programs include the following majors:
Art
Biology
Communication
Economics
Education
English
French
Geology
History
Individualized Major
Mathematics
Music
Philosophy
Political Science
Psychology
Religious Studies
Sociology
Theatre

B.S. degree programs include the following majors:
Accounting
Biochemistry
Biology
Business Administration
Chemistry
Education
Geology
Individualized Major
Mathematics
Neuroscience

B.S., B.A. combined program in Engineering

Individualized Major

Many students will imagine complexes of courses that transcend the College's usual majors and cater to students' particular interests. In order to encourage such inventive thinking, Centenary offers its students the opportunity to construct an Individualized Major.

The individualized major will draw courses from at least two departments and will not exceed 48 hours, 20 of which must be at the 300 level or above. Students pursuing individualized majors must complete the usual Liberal Arts Explorations and any other requirements specific to the degree (BA/BS) they are pursuing. Courses taken within the Individualized Major may also be used to fulfill Liberal Arts Explorations.

Students who wish to pursue this option work with an advisor of their choosing to develop a proposal that explains which courses they want to take, how these are related, and how they will integrate their work in a final project. The approval process for the Individualized Major includes the following steps:

1. The student identifies a faculty advisor in an appropriate area who is prepared to supervise the Individualized Major.
2. Together, the student and advisor develop a proposal that
   - names and describes the major the student wants to pursue;
   - identifies the courses and experiences (internships, study abroad, etc.) that will make up the major;
   - explains how these courses and experiences are integrated; and

- describes a summary project, taken as an independent study (CDS 491-494) and supervised by the sponsoring advisor, that integrates the various aspects of the major.

3. The student obtains the signatures of all department chairs or program coordinators whose departments or programs contribute to the major, confirming that they endorse the proposal.
4. The student submits the signed proposal along with a completed degree plan to the Program Coordinator for the Individualized Major who will review both to ensure that they meet College requirements.
5. The Program Coordinator sends the proposal to the Registrar, who reviews the degree plan, and to the Academic Policy Council to ensure that the proposal is consistent with the academic goals and mission of the College.
6. Once reviewed, the proposal is endorsed by the Program Coordinator for the Individualized Major and filed in the Registrar's Office.

Professional and Pre-Professional Preparation

Centenary is a liberal arts college, but it is sensitive to the special professional and vocational needs of students in the 21st century. With these needs in mind, the College has designed a variety of pathways to provide students the requisite training in a particular field so that they will have a choice of options when they graduate such as graduate study, additional professional training in a business or industry, or direct entry into a career. The pathways are sets of academic courses and practical field experiences designed to assist the student in developing skills, insights, practical information, and academic background that relate to definite career choices.

Students interested in a particular pathway should meet with the appropriate coordinator to develop a plan of study and field experiences. Some of these pathways are described briefly below; for information about any of these pathways, consult the coordinator for the area in which you are interested. The following is a list of the current pre-professional pathways and their coordinators.

Pre-Allied Health (Physical Therapy, Physician Assistant, etc.)	Dr. Scott Chirhart
Certified Public Accountant	Dr. Barbara Davis
Christian Leadership Center	Rev. Lindy Broderick
Communication	Dr. Michelle Glaros
Pre-Dentistry	Dr. Scott Chirhart
Engineering*	Dr. David Bieler
Pre-Law**	Dr. Mark Leeper
Mathematics	Dr. David Thomas
Pre-Medicine	Dr. Scott Chirhart
Museum Management	Dr. Lisa Nicoletti
Pre-Veterinary Medicine	Dr. Scott Chirhart

Allied Health Fields

These programs are designed to allow students to major in any Department of Centenary College while they also pursue preparatory courses for graduate study in one of the following areas: Health Administration, Occupational Therapy, Pharmacy, Physical Therapy, and Physician Assistant. Please see program coordinators for further information.

The 3/2 program in Speech-Language Pathology/Audiology requires students to complete the specified track in the Psychology department.

Christian Leadership Center (CLC)

The Christian Leadership Center is an academic program for full-time Centenary students who wish to explore ways to integrate their professional decision with their faith. The CLC offers leadership training to students by exploring topics related to professional discernment, leadership within the church, and mission in community. Yearly topics include: Servant Leadership, Church of the 21st Century, Christian Formation, and Spiritual Disciplines.

Through fellowship in community, theological reflection, hands-on internships, mission opportunities, and small group accountability, Christian Leadership Center students encounter ways they can merge profession and faith. Students accepted to the Christian Leadership Center commit to a one hour a week class where these topics for ministry are explored, a weekly small group session, four hours of supervised internship per week, and reflection assignments based on their internship experiences, required readings, and theological perspective. At the end of each year, students receive a Certificate of Completion, recognizing the quality of training received in the topic area. Students who successfully complete three years will obtain a Certificate of Endorsement; a document recognized by many regional faith communities as proof of one's readiness for professional ministry, seminary training, or local church leadership.

Each participant of the Christian Leadership Center, after receiving formal notification of acceptance into the program, will enroll in REL 200. Successful completion of the specific term requirements of the CLC will be reflected in receiving a one-hour credit and/or continued participation in the program.

The Christian Leadership Center is comprised of persons from many different Christian denominations and traditions. In the midst

*SEE ALSO ENGINEERING MINOR

** SEE ALSO LEGAL STUDIES MINOR

of such diversity, students learn and grow. Interested students should contact the Christian Leadership Center office (318) 869-5156 or christianleadership@centenary.edu, or visit the website, centenary.edu/clc for more information on the program and to apply online.

Pre-Law

The Association of American Law Schools considers it unwise for a college to specify one particular curriculum for all undergraduate students who intend to enter law school. Rather, it advises the student to select a major in a rigorous, demanding, and personally satisfying area of study.

Entering pre-law students who have not selected a particular academic major are assigned to a faculty member designated to assist such students in the choice of a major. Later both the major advisor and the pre-law advisor continue to advise pre-law students.

Three-Two Engineering Dual Degree Program (3-2 or Combined Plan)

Centenary, in cooperation with Case Western Reserve University, Columbia University, and Washington University in St. Louis offers a Dual Degree Program in liberal arts and engineering. (This program is sometimes referred to as a 3-2 Program or a Combined Plan.) Each student under this program pursues concentrated studies in the liberal arts and engineering sciences at Centenary followed by study in professional engineering courses at a cooperating university provided that they meet course work and grade point requirements established in the cooperative agreement. Upon successful completion of all degree requirements, the student typically earns a B.A. degree from Centenary and the B.S. degree in engineering from the cooperating university. Students may work out individual arrangements to complete the engineering degree at a school that does not have a formal agreement by petition. Students interested in the Dual Degree Program in engineering should consult the coordinator of the program as early as possible.

As an alternative to the Dual Degree Program, students may choose to complete the degree at Centenary and pursue either graduate engineering study or a second undergraduate degree in engineering. Some engineering affiliates offer BS/MS programs, which typically can be completed in a total of six years.

Course Listings

On the following pages is a complete listing of the courses offered at Centenary College. In addition, a schedule of classes is published during the semester before each registration period which lists all sections of all courses to be offered during the succeeding session, together with the hour, day, and place of meeting, and generally the instructor in charge of each section.

Courses with numbers beginning with zero carry no college credit.

Courses with a single number are one-term courses; those with double numbers are two-term courses.

Courses organized so that the student may enroll in and receive credit for either half, or in either order, have double numbers separated by a comma: 205, 206. Year courses in which the first half is prerequisite to the second have double numbers separated by a hyphen: 205-206. Courses with a slash indicate they are taken together as a lecture/lab combination.

On transcripts, the numbers 197, 295, 296, 297, 395, 396, 397 are used by the Registrar to transfer courses for which Centenary has no equivalent but which are acceptable as “Selected Topics.”

In the following listing of courses of instruction, the number of credit hours awarded for the course is specified to the right of the course title. In the offerings of some natural science departments, the number of weekly hours of class work and laboratory is shown in parentheses at the end of the description; for example, (3-3) indicates that the course requires three hours of lecture-discussion and three hours of laboratory work each week. Speaking courses are designated with a “S”; Writing courses are designated with a “W”.

Art and Visual Culture (ART)

Associate Professor Hawkins, *Chair* *Professors: Allen, Glaros, Nicoletti*
Instructor: FitzGibbons *Lecturers: Kennedy, Youngblood*

Centenary College offers a Bachelor of Arts in Art and a minor in Art. Students must choose one of the following concentrations: Studio Arts or Art History and Visual Studies.

The Art and Visual Culture Department increases a student's potential for full artistic expression, interpretation, and comprehension. By providing sound training in art analysis, drawing, film and video production, new media, painting, photography, sculpture, and art history, the curriculum enhances students' creative thinking and technical skills, while allowing them to concentrate their coursework in an area that bests suits their personal and professional interests. Students majoring in Art choose from a Studio Arts or Visual Culture track. Classroom learning is complemented by regular exposure to local and regional artists and exhibitions.

Studio Arts

Students specializing in Studio Arts will enhance their creative skills by learning new techniques, working with various arts media, and gaining critical perspectives to contextualize and analyze their work. This concentration is focused upon the production of art.

Major Requirements

1. Art 101: Ancient through Medieval Art
2. Art 102: Renaissance through Contemporary Art
3. Art 104: Beginning Sculpture and 3D Design
4. Art 151: Introduction to Design
5. Art 204: Drawing and 2D Media
6. At least 8 additional hours from the following:
   - Art 208: Auto CAD
   - Art 211: Pottery
   - Art 218: Photography
   - Art 304: Life Drawing and Advanced Composition
   - Art 312: Materials and Techniques of Sculpture (2 hrs)
   - Art 330: Materials and Techniques of Printmaking (2 hrs)
   - Art 331: Materials and Techniques of Painting (2 hrs)
   - Art 221: Introduction to Digital Film Production
   - Art 321: Advanced Digital Film Production
   - Art 251: Design Communication
   - Art 351: Web Design
7. Art 332: Advanced Studio I
8. Art 431: Advanced Studio II
9. Art 472: Senior Exhibit and Critique (2 hrs)
10. At least 16 hours must be at the 300- or 400- level.

Total: 10-11 courses and 38 credit hours minimum

Minor Requirements

Art 204, and 151 or 104; four hours in Art 101 or 102; plus at least 8 hours of studio arts courses at the 300- or 400-level.

Art History and Visual Studies

Students specializing in Art History and Visual Studies will enhance their skills in visual and historical analysis. This concentration is focused upon the aesthetic and cultural analyses of visual objects. The courses within this concentration ask some fundamental questions:

1. What kind of visual objects does a culture produce and preserve, and why?
2. How do images and ways of seeing effect meaning?
3. What is the effect of art and architecture on society?

Major Requirements

1. Art 101: Ancient through Medieval Art
2. Art 102: Renaissance through Contemporary Art
3. Art 151: Introduction to Design

4. At least 20 additional hours in cultural history and visual analysis to be selected from:
   - Art 201: Issues in Public Art and Architecture
   - Art 250: Design History
   - Art 290: Interdisciplinary Studies
   - Art 291: Representations of the Holocaust
   - Art 295: Special Topics
   - Art 305W: American Art and Architecture
   - Art 306S: Modern and Contemporary Art
   - Art 310: History of Photography
   - Art 395: Selected Topics
   - Art 491-496: Independent Study in Art (1-6)
5. At least 4 hours in Film Studies (COMM/Engl 178, 262, 368, 373S; 399; Span 308)
6. At least 16 hours of the coursework above must be at the 300- or 400- level.

Total: 9 courses and 36 hours minimum

Supportive Requirements

- The combined equivalent of two years of study in foreign language(s).

Minor Requirements

Art 101, 102, and 201 or 250 or 291,plus at least 12 hours in cultural history and visual analysis from the list above (excluding studio arts courses) at the 300- or 400-level.

Departmental Honors in Art

For a student to be considered for admission to the Honors Program in Art, she or he must meet the general College requirements for admission to such programs. In addition he/she must:

a. Be an Art major.

b. Hold a 3.5 grade point in the major and 3.25 overall.

c. Earn 4 hours in Art 491-496: Independent Study in addition to their major requirements in which they complete a substantial scholarly project for the Art History and Visual Studies concentration or a substantial creative project for the Studio Arts concentration. For the Art History and Visual Studies concentration, the results of the project must be either published in a scholarly journal or publicly presented (e.g., at the Student Research Forum, a professional conference, or a colloquium of Art faculty and students). For the Studio concentration, the creative work must be presented as an exhibition including an oral presentation before Art students and faculty.

101. ANCIENT THROUGH MEDIEVAL ART.....4
A historical survey of art and architecture from ancient times through the Middle Ages. Fall. HUMANITIES EXPLORATION

102. RENAISSANCE THROUGH CONTEMPORARY ART 4
A historical survey of art and architecture from the Renaissance through today. Spring. HUMANITIES EXPLORATION

104. BEGINNING SCULPTURE AND 3D DESIGN.....4
The basic aspects of sculpture and 3D design are explored by working with clay, plaster, wire, string, wood, cardboard and other simple materials. Five hours of lecture and studio per week with outside work. Fall. HUMANITIES PERFORMANCE

151. INTRODUCTION TO DESIGN.....4
This course explores, through discussion and application, the elements and principles of design fundamental to all visual arts. A production-oriented class with weekly critiques, this course equips students with foundational knowledge for further study in all visual art and communication courses. Spring. (Same as COMM 151) HUMANITIES EXPLORATION

172. VISUAL CULTURE.....4
This course introduces issues and debates about how we shape, and are shaped by, different forms of visual culture such as film and video, television, painting, photography, performance art, the built environment, and information technology. Issues such as the role of visual cultures in (re) producing ideas about race, identity, sexuality and gender will also be explored. Spring of odd years. (Same as ENGL 172, COMM 172)

178. FILM ART 4
This course provides an introduction to the study and analysis of film. Students will learn the fundamentals of film form, style, and history. Topics include narrative structure, mise-en-scene, cinematography, editing, sound, and genre. This course also prepares students for more advanced study in film seminars as well as digital film production. This course meets six hours per week, three of which are devoted to screenings. Fall. (Same as ENGL 178, COMM 178) HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

190. SPECIAL TOPICS: FIRST YEAR SEMINAR..... 2-4
This course is designed to facilitate the introduction of students to the unique Centenary experience. Topics may vary from year to year. Course,

but not individual topics, may be repeated for credit. (Exploration and/or Challenge credit available as approved. No more than 4 hours may be used to fulfill Exploration or Challenge requirement.) On demand.

201. ISSUES IN PUBLIC ART AND ARCHITECTURE.....4
Explores the aesthetic, cultural, historical, and political issues involved in the production, display, and funding of public art and architecture. Examines recent art controversies, censorship, and how public art and architecture can be used to enhance quality of life, build community, and foster social change. Fall of odd years. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

204. DRAWING AND 2D MEDIA.....4
An introduction to drawing techniques and concepts (linear perspective, figure/ground relationships, shading, tonal value, etc.) to understand the fundamentals of artistic expression. Dry drawing media, such as graphite and charcoal, are explored along with basic graphic art techniques for this class. Six studio hours a week, with weekly critique sessions. Every semester.

208. AUTOCAD 4
A detailed study of drafting techniques through projects using the AutoCAD platform. Project emphasis will be placed on developing sustainable structures and techniques. Spring. (Same as THEA 208)

211. POTTERY. 4
Basic clay techniques including the design and creation of a variety of pottery forms by hand-built, molded, and wheel methods, along with practice in kiln loading and firing. Four hours of lecture and studio per week with outside work. Spring. HUMANITIES PERFORMANCE

218. INTRODUCTION TO PHOTOGRAPHY.....4
Restricted to Art and Comm majors and minors. This course introduces students to the basic principles of photography including a brief examination of the history of photography from a technical viewpoint and training in the functions and controls of a professional digital SLR camera. Students learn the effects of aperture and shutter speed on depth of field and motion, as well as proper light metering techniques. Composition basics, lighting, and digital darkroom techniques will also be explored. Fall. (Same as COMM 218)

221. INTRODUCTION TO DIGITAL FILM PRODUCTION.....4
Students will learn the basic terminology, methods, and principles of digital film production through classroom lecture, workshops, and field production work. Every semester except those when COMM 321 OR COMM 395 is offered. (Same as COMM 221)

250. DESIGN HISTORY.....4
An investigation into the design of objects, spaces, and materials, and the forces that shape human-object relations. Students will be introduced to key design theories and movements of 19th-21st century design, and examine case studies stemming from fashion, architecture, decorative arts, landscape design, interior design, graphic design, industrial design, and/or product design. Spring of odd years. (Same as COMM 250) HUMANITIES EXPLORATION

251. DESIGN COMMUNICATION 4
This course investigates the role design plays in human communication. Students will gain familiarity with the basic concepts and assumptions underlying design practice and learn to see how applied arts such as graphic design, industrial design, and multimedia design function as communicative activities. Special attention will be given to the rhetorical methods associated with identifying design problems and implementing design solutions. Students will also learn specific technology and software skills to operate effectively as visual designers. Fall. (Same as COMM 251)

290. INTERDISCIPLINARY STUDIES 1- 4
Prerequisite: TREK 115. This course is designed to facilitate the treatment of topics across disciplinary boundaries, such as our course on the. Topics may vary from year to year. Course, but not individual topics, may be repeated for credit. On demand. HUMANITIES EXPLORATION

291. REPRESENTATIONS OF THE HOLOCAUST 4
An in-depth history of the Holocaust through the examination of memorial arts, museum exhibitions, eye-witness testimony, memoirs, literature, and films (dramas and documentaries), and an analysis of how those representations have been shaped by cultural and/or political forces. Spring. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

292. INTERCULTURAL STUDIES 4
Corequisite: CU 351. An introduction to another culture through an immersive educational experience. Courses include “Americans in Paris: The Quest for the Good Life,” “Greece: Life amid the Ruins,” and “Mississippi Delta: Encounters at the Crossroads.” Course, but not individual topics, may be repeated for credit. This course satisfies the Culture component of Trek. Offered on demand.

295. SPECIAL TOPICS 4
A detailed study of an area of art not normally covered in regular art courses. Course, but not individual topics, may be repeated for credit. On demand.

304. LIFE DRAWING AND ADVANCED COMPOSITION.....4
Prerequisite: ART 204 Advanced study of the principles of composition, proportion and volume through descriptive drawing of the human figure. Six studio hours a week, with weekly critique sessions.

305W. AMERICAN ART AND ARCHITECTURE....4
The cultural and artistic development of our nation as expressed in painting, sculpture, architecture, graphic arts, memorials, and city planning. Fall of odd years. HUMANITIES EXPLORATION

306S. MODERN AND CONTEMPORARY ART....4
This course examines 19th- to 21st-century art to explore modern versus post-modern aesthetics and the role of social, political, and economic forces in defining art. Spring of odd years. HUMANITIES EXPLORATION

310. HISTORY OF PHOTOGRAPHY....4
An examination of photography from 1826 to the present. While we investigate popular applications of and movements within photography (including photojournalism and colonial, scientific, digital, and art photography), you will learn about related technological changes, controversies, and historical events that perceptibly altered the medium or its uses. Fall of even years. HUMANITIES EXPLORATION

312. MATERIALS AND TECHNIQUES OF SCULPTURE....2
Prerequisite: Art 104 or permission of the instructor. A study of the processes and methods of additive and subtractive sculptural techniques as well as casting and molding techniques. Alternate years.

321. ADVANCED DIGITAL FILM PRODUCTION....4
Prerequisite: COMM/ART 221 or permission of the instructor. Students will enhance their understanding of digital film production through advanced lectures and studio production work. (Same as COMM 321)

325. DOCUMENTARY FILM....4
Students will learn the basic terminology, methods, and principles of documentary film studies and production through classroom lecture, workshops, and field production work. Course work will focus on the analysis and production of documentary film as an aesthetic form and a social document, with an emphasis on the social documentary. This course meets six hours per week, three of which are devoted to screenings. Spring of even numbered years. (Same as COMM 325)

326. FICTION FILM....4
Students will investigate and practice the art of fictional film storytelling – or narrative film. Fiction filmmaking, at its core, is about making strategic creative choices while exercising specific kinds of creative control. By carefully studying the elements of narrative film language, dramatic principles of story arc and scene development, as well as staging, directing, and editing, students will obtain a deep understanding of how we tell compelling cinematic stories that affect viewers in predictable ways. This course meets six hours per week, three of which are devoted to screenings. (Same as COMM 326)

330. MATERIALS AND TECHNIQUES OF PRINTMAKING....2
A study of the processes involved in the making and printing of etchings, woodcuts, linoleum block prints, and lithographs, with lecture and studio practice. Four hours a week including weekly critique sessions. HUMANITIES PERFORMANCE

331. MATERIALS AND TECHNIQUES OF PAINTING....2
A systematic study of several methods of paintings, including oil, encaustic, polymer, egg tempera, acrylic and an examination of the techniques of some of the old masters. Four hours a week with outside work and weekly critique sessions. HUMANITIES PERFORMANCE

332. ADVANCED STUDIO I....4
Prerequisite: Permission of department Chair. The materials and advanced techniques of drawing, painting, sculpture, printmaking, multimedia, film, video or photography are explored through classroom projects and assignments in the areas of the students' interests. Six hours studio per week including weekly critique sessions. HUMANITIES PERFORMANCE

351. WEB DESIGN....4
Prerequisite: COMM/ART 251. This course introduces students to the fundamental concepts, issues, and concerns associated with web site design. Course readings and exercises encourage students to explore the aesthetic and historical/cultural dimensions of design and then use this knowledge as they plan, propose, implement, and rationalize their own web site designs. (Same as COMM 351)

352. PRINT DESIGN....4
Prerequisite: ART/COMM 251. Intermediate course covering the relationship between research, concept, image, typography, computers and color within the field of print publication design. Students will be introduced to printing techniques and outputs, as well as the technical properties of the translation of screen-based media to print-based media. Course concepts will be explored in a series of portfolio building design projects, ranging from identity collateral to annual reports to packaging design. Every third semester (Same as COMM 352)

395, 396. SELECTED TOPICS....1-4
Prerequisite: Permission of the instructor. Courses that deal with different topics or problems each semester (e.g. artists, styles, historical periods, studio problems, etc.). Course, but not individual topics, may be repeated for credit.

399. SEMINAR IN FILM AND TELEVISION STUDIES....4
Prerequisite: TREK 115. An analysis of cinema or television as an aesthetic form and a social document, usually with an emphasis on American and European film or television. Recent topics have included: "Hitchcock," "Melodrama," and "Television Studies." May be elected for up to

eight hours credit as topic changes. On demand. This course meets six hours per week, three of which are devoted to screenings. (Same as ENGL 399, COMM 399)

400. ART INTERNSHIP. 1-4
Optional corequisite: CA 250. Supervised internship with an approved employer in an appropriate professional area such as museum work, commercial art and arts administration. May be repeated for credit in another area. This course satisfies the Career component of Trek. Offered on demand.

421,422. TUTORIAL IN STUDIO, VISUAL STUDIES, OR COMMUNICATION 1-2
Directed reading on a subject to be agreed upon by the student and faculty-tutor. May require presentation of pertinent materials in undergraduate courses under the direct supervision of an Art or Communications department faculty member.

431, 432. ADVANCED STUDIO II, III 4,4
Prerequisite: Art 332. During the final year the student is encouraged to develop a personal philosophy of art. Instruction will depend largely upon the needs and natural inclinations of the individual student. Each student will have a senior exhibit of his/her best work. Eight hours studio per week including weekly critique sessions.

451. TOPICS IN MULTIMEDIA DESIGN 4
Prerequisite: COMM/ART 251 This course will address a particular multimedia design issue or problem, guiding students in the planning and implementation of appropriate design solutions; topics will vary. May be elected for up to six hours credit as topic changes. (Same as COMM 451)

472. SENIOR EXHIBIT AND CRITIQUE 2
Prerequisite: Instructor's approval. Advanced studio work, culminating in a senior art exhibition. Fall.

491-496. INDEPENDENT STUDY IN ART 1-6
Open to qualified students by permission of department chairperson. Work may be done in research and writing or studio related areas. The student will follow a work plan arrived at in cooperation with the instructor and must consistently furnish evidence of seriousness of purpose.

Biochemistry (CHEM)

Assistant Professor Weeks, *Advisor*

Centenary College offers a Bachelor of Science in Biochemistry. There is no minor available in Biochemistry.

The science of biochemistry seeks to understand the processes of biological systems in chemical terms. As such, it is inherently interdisciplinary. A degree in biochemistry offers solid preparation for careers in the health care professions, advanced study in the biomolecular sciences, or employment in the biotechnology industry. The program of study in biochemistry is sufficiently flexible that it can be tailored to meet student's specific career goals. Progress in biochemistry is increasingly dependent of sophisticated instruments and the department has an extensive inventory of these tools of modern chemistry. These are described on the department's web site at centenary.edu/chemistry.

Major Requirements

Bachelor of Science

1. Chemistry and Biology courses:
   General Chemistry I and II 121/123, 122/124;
   Organic Chemistry I and II 201/211, 202/212;
   Biochemistry I and II 321, 322W/324;
   Senior Assessment 900;
   Principles and Methods of Biology BIOL 101;
   Cell Biology BIOL 204;
   Microbiology BIOL 308W or Molecular Genetics BIOL 316W.
   And at least one of the following options:
   (a) Physical Chemistry 351/353 (4 credits); and
   Foundations of Inorganic Chemistry 331 and Chemical Literature and Information Retrieval 361S (4 credits)
   (b) Analytical Chemistry 301, 311 (4 credits); and
   Physical Chemistry 351 and Chemical Literature and Information Retrieval 361S (4 credits);
2. Supportive coursework in cognate fields:
   (a) PHYS 104/114, 105/115 as the Natural Sciences Explorations requirement
   (b) MATH 115 and 201 to complete the B.S. requirement.
3. Optional courses: Students considering advanced study in biochemistry are strongly encouraged to take 352/354 and an option including 353.

Total: 10-11 courses and 40 credit hours minimum

Course Descriptions (CHEM)

321. BIOCHEMISTRY I 4
Prerequisites: CHEM 202, 212. A survey of biochemistry to include an introduction to the structure and properties of biological molecules, enzymatic catalysis, bioenergetics, and major metabolic pathways. Fall. (Same as BIOL 321, CHEM 321)

322W/324. BIOCHEMISTRY II AND BIOCHEMISTRY II LABORATORY 3/1
Prerequisite: CHEM 321. Corequisites: CHEM 322W/324. An in-depth investigation of transduction and the flow of genetic information. Laboratory study designed to demonstrate biochemical techniques and methodology. (Three laboratory hours per week). (Same as BIOL 322W/324) Spring.

Biology (BIOL)

Associate Professor: Murphy, Chair
Assistant Professors: Richardson, Songock, Stokes
Professor Chirhart
Professor Emeriti: B. Leuck, E. Leuck, McPherson

Centenary College offers a Bachelor of Arts and a Bachelor of Science in Biology, as well as a minor in Biology.

The Department of Biology strives to challenge the intellectual curiosity of students by emphasizing the complexity and interrelatedness of life systems as revealed through the unifying law of evolution. The program provides a broad biological background for both the non-science student and the future biologist. Classroom and laboratory experiences are complemented by off-campus opportunities designed to prepare students for professional and graduate programs. The biology curriculum is the appropriate choice in preparation for numerous professions related to the life sciences.

Recommendations for First-Year Students

Students intending to major in biology should enroll in BIOL 101 (Principles and Methods of Biology) in the fall of their freshman year. Biology majors with specific post-graduation goals should consult with a biology faculty member early in their academic careers to determine which degree and courses best meet their goals.

High school graduates who have taken the Advanced Placement test may receive credit for BIOL 101, depending on their test scores as shown in the Advanced Placement section of the catalog. Students with acceptable AP may start their biology curriculum with BIOL 202 or 204.

Major Requirements for the B.S. in Biology

1. Thirty-two credit hours in biology including BIOL 101 (Natural Sciences Challenge requirement), BIOL 202, and BIOL 204. At least twenty hours must be 300-level or above. No more than four hours of the thirty-two may be from Independent Study or Internship.
2. Supportive courses:
   MATH 115 as the Symbolic Reasoning Explorations course requirement
   MATH 201 or ECON 204 or PSY 304 or SOC 304 as B.S. second quantitative requirement
   CHEM 121/123 as the Natural Sciences Explorations course requirement
   CHEM 122/124, CHEM 201/211, CHEM 202/212, PHYS 104/114 and PHYS 105/115

Major Requirements for the B.A. in Biology

1. Thirty credit hours in biology including BIOL 101, BIOL 202, and BIOL 204. At least sixteen hours must be at 300-level or above. No more than six hours of the thirty may be from Independent Study or Internship.
2. Supportive courses:
   MATH 107 or 115 as the Symbolic Reasoning Explorations course requirement
   CHEM 121/123 as the Natural Sciences Explorations course requirement
   CHEM 122/124
   ECON 204 or PSY 304 or SOC 304

Minor Requirements for Biology

Students electing to minor in biology must take at least 20 hours of biology, including BIOL 101, BIOL 202, and BIOL 204, and at least 6 hours at the 300-level or above.

Certification to Teach

The Department of Education offers certification to teach Biology through a minor in Education. See the Education section of this catalogue.

Departmental Honors in Biology

For a student to be considered for admission to the Honors Program in Biology, he or she must meet the general College requirements for admission to such programs. In addition to the general requirements, a student in the Biology Honors Program must undertake an independent research project for four credit hours. The results of the research must be presented in a form acceptable for publication and as an oral report at the Centenary College Student Research Forum.

Course Descriptions (BIOL)

101. PRINCIPLES AND METHODS OF BIOLOGY 4
Introduction to major biological phenomena and methods used to study them. Topics include evolutionary processes, cell structure and function, genetic and ecological principles, and diversity of life. Students will learn to apply the scientific method to the study of the above topics. Fall. NATURAL SCIENCES EXPLORATIONS; SUSTAINABLE WORLD CHALLENGE

202. STRUCTURE AND FUNCTION OF ORGANISMS 4
Prerequisite: BIOL 101. Introduction to the anatomical and physiological adaptations of organisms. Emphasis will be on how systems function in multicellular plants and animals to allow them to survive and reproduce. Dissections of representative animals will be required. Spring. NATURAL SCIENCES EXPLORATIONS

204. CELL BIOLOGY 4
Prerequisites: BIOL 101. Corequisite: CA 250. Survey of the fundamental principles of the cell including cellular variety, ultrastructure, cellular reproduction, metabolism, cytogenetics, and introduction to molecular biology. This course satisfies the Career component of Trek. Fall. NATURAL SCIENCES EXPLORATIONS

210. BIOLOGICAL PSYCHOLOGY 4
This course explore the biological basis of behavior and mental processes with a concentration on brain structure and function. Topics will include brain anatomy and physiology, neural communication, drugs and addiction, sensation, sleep, emotion, sex, hunger and thirst, learning, language, memory, and psychopathology. Students will develop a robust understanding of how human thoughts and actions arise from the brain. (Same as NEUR 210, PSY 210) Fall.

212. BIOETHICS..... 4
This course introduces students to issues in bioethics. Students will acquire a basic understanding of relevant biology and ethical concerns. We will address issues surrounding the creation of life, killing, and the distribution of medical resources. In the end, students will have a deeper appreciation of bioethical issues and will be able to reason their way to a solution effectively and persuasively. (Same as PHIL 212) Every other spring.

240. INTRODUCTION TO NEUROSCIENCE..... 4
Prerequisite: BIOL 101, BIOL 202 or BIOL 204. The fundamental principles and current problems of modem nervous system studies will be introduced. Topics include neural signaling, sensation, movement and the neural basis of cognition. The laboratory will reinforce lecture material and provide practical experience with both classical and modem methods in neuroscience. (Same as NEUR 240) Spring.

251. MEDICAL TERMINOLOGY..... 4
Prerequisites: BIOL 101 and BIOL 202. Introduction to the vocabulary of today's health sciences. This course is designed primarily for biology majors intending to continue their studies in graduate allied health programs, especially physician assistant and nurse practitioner programs. Evaluation in this course will involve both written and oral examinations.

290. INTERDISCIPLINARY STUDIES..... 4
This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. Course, but not individual topics, may be repeated for credit. No more than one 290 course may be used to fulfill a core requirement. On demand.

298. RESEARCH TECHNIQUES 4
Prerequisites: BIOL 101 and BIOL 202. This course is designed to introduce students to commonly used laboratory techniques and analytical thinking in preparation for research experiences at Centenary College or elsewhere. This will be achieved through the completion of short term projects in the lab, analysis of peer reviewed literature, and interaction with local scientists. On demand.

301-302. HUMAN ANATOMY AND PHYSIOLOGY I AND II 4,4
Prerequisites: BIOL 101 and BIOL 202, or permission of instructor. A systematic study of the structure and function of the healthy human body. This is a basic course designed primarily for students interested in allied health fields. Students must earn a passing grade in BIOL 301 to enroll in BIOL 302.

303. ECOLOGY 4
Prerequisites: BIOL 101 and BIOL 202. The study of relationships and interactions of living organisms with their environment at the individual, community and ecosystem levels of organization. Laboratory exercises are designed to reinforce concepts presented in lecture. Fall.

304. MODERN PHYSICS IN BIOLOGY 4
Prerequisite: PHYS 105/115 or consent of instructor. This course introduces students to concepts of atomic, molecular, nuclear, and statistical physics with application to biology and medicine. These concepts are used to understand quantitatively photosynthetic energy harvesting, electron transport, thermoregulation, membrane potential generation and propagation, DNA and protein structure determination, protein dynamics and structural activation, biological and medical imaging, and interaction of nuclear radiation with biological tissues. The course includes a laboratory that introduces students to physical techniques used in modern biology and medicine. Experiments include molecular dynamics simulations, spectrophotometry, fluorescence spectroscopy, fluorescence microscopy, pulsed NMR spectroscopy and MRI, ultrasound imaging, computed tomography, and nuclear radiation detection. (Same as PHYS 304, BPHY 304) Spring.

306. NUTRITIONAL PHYSIOLOGY 4
Prerequisites: BIOL 101, BIOL 202, CHEM 121, and CHEM 123. This course is designed to provide students with an understanding of the fundamental concepts of human nutrition, including digestion, absorption, metabolism, and the function of nutrients as they relate to human health and disease. This course includes practical applications of this knowledge through lab activities, review of scientific literature (journal articles), and critical thinking exercises.

308W. MICROBIOLOGY..... 4
Prerequisites: BIOL 101, 202 or 204. A survey of microorganisms and their role in nature. The importance of bacteria, fungi, and viruses as agents of disease will be considered. The laboratory will emphasize bacterial and fungal form, function, culture and control. Spring.

316W. MOLECULAR GENETICS 4
Prerequisite: BIOL 204. The molecular basis of inheritance, including consideration of genomics. Various genetic models are used in the laboratory for student research projects. Spring.

317. SENSATION AND PERCEPTION 4
Prerequisite: BIOL 202 or PSY/BIOL/NEUR 210. A focused study of the incredible ways that we navigate and process our world, including vision, audition, touch and haptic senses, gustation, and olfaction. We will trace our sensations from physical input to receptors to neural pathways. Then we will consider the perceptual mechanisms that help us make sense of that information and turn it into action. Fall of even years.

319. PSYCHOPHARMACOLOGY..... 4
Prerequisites: BIOL 101, BIOL 202, or PSY 210. This course deals with the neurobiological, pharmacological, psychological, and social aspects of the use and abuse of legal and illegal drugs. (Same as NEUR 319 and PSY 319)

321. BIOCHEMISTRY I 4
Prerequisites: CHEM 202, 212. A survey of biochemistry to include an introduction to the structure and properties of biological molecules, enzymatic catalysis, bioenergetics, major metabolic pathways, and the flow of genetic information. (Same as CHEM 321)

322W/324. BIOCHEMISTRY II AND BIOCHEMISTRY II LABORATORY 3/1
Prerequisite: CHEM 321. Corequisites: BIOL 322W/324. An in-depth investigation of an area of biochemistry. Laboratory study designed to demonstrate biochemical techniques and methodology. (Three laboratory hours per week.) (Same as CHEM 322W/324) Spring.

325. LEARNING AND MEMORY 4
Prerequisite: BIOL 101, PSY/BIOL/NEUR 210, or PSY 230. This course provides an in-depth examination of learning (habituation, classical and operant conditioning, observational learning) and memory (declarative, nondeclarative, emotional, and working memory) and the cognitive and neural mechanisms responsible. (Same as NEUR 325, PSY 325) Fall of odd years.

329W. BRAIN AND LANGUAGE 4
Prerequisite: PSY 101, PSY/BIOL/NEUR 210, or PSY 230. An in-depth examination of language as a complex human behavior and the neurological systems that support it. Topics will include language disorders, critical periods, lateralization, sign language, evolution of language, and the relationship of language and thought. (Same as NEUR 329W, PSY 329W) Spring of odd years.

336. BIOTECHNOLOGY 4
Prerequisites: BIOL 101, BIOL 204. Students will explore the fundamental biological concepts underlying new and developing technology and discuss the effects of such technology on our society and environment. Students will also gain experience communicating science to younger audiences by working directly with K-12 students to reinforce the importance of science in the community to earn Trek Community credit. Spring of alternate years.

395,396. SELECTED TOPICS 4
Prerequisite: BIOL 101; other prerequisites depend on topic. A detailed study of an area of biology not normally covered in regular courses. This course may be repeated for credit for different topics. Topics previously taught as selected topics include physical anthropology, environmental science, mammalogy, tropical ecology, vertebrate paleontology, theory and techniques in molecular biology, animal behavior, virology, and chronobiology.

400. INTERNSHIP 1-4
Prerequisites: Junior standing and approval of the departmental faculty. Assignments in an applied biological work experience will involve 40 hours of work per credit hour enrolled. A final written summary of the term's work is required. On demand.

404. IMMUNOLOGY 4
Prerequisites: BIOL 101, BIOL 204. The main objective of this course is for students to acquire a fundamental knowledge of the basic principles of immunology. By the end of this course students will be able to describe the functions of the major components of the immune system in health and disease, understand how immune responses are initiated and regulated, discuss how the immune system establishes self from non-self, and understand common hypersensitivities/immune diseases and the underlying immune dysfunction causing them. Every other fall.

405. ADVANCED CELL BIOLOGY 4
Prerequisite: BIOL 204. Study of eukaryotic cells' adaptations for living in a social context, with emphasis on protein trafficking, cellular signaling, cell cycle control, and cell motility. Student presentations will introduce related topics such as relevant disease states and drug mechanisms. Spring of alternate years. NATURAL SCIENCES EXPLORATIONS; SUSTAINABLE WORLD CHALLENGE

407. COMPARATIVE ANATOMY 4
Prerequisites: BIOL 101, 202. A comparative study of the vertebrate systems and their phylogenetic development. Examination of bones and dissections are made of the shark and cat in the laboratory. Fall of alternate years.

410S. ADVANCED NEUROSCIENCE 4
Prerequisites: NEUR 240. In-depth exploration of the issues surveyed in NEUR 240. The laboratory will help students conduct a research project in neuroscience. (Same as NEUR 410S, PSY 410S) Spring of alternate years.

412S. CONSERVATION AND ENVIRONMENTAL BIOLOGY 4
Prerequisites: BIOL 101, 202. BIOL 303 recommended. Study of environmental problems and how they relate to the conservation of genetic, species, and ecosystem diversity. Will include a historical perspective of past problems as well as the investigation of current problems and possible remediation, with input from the areas of population biology, community ecology, economics, and biogeography. The laboratory portion of this course will consist of field trips. Spring.

414S. EVOLUTION 4
Prerequisites: BIOL 101 and 202. Evolutionary patterns, mechanisms and processes at the organismal, chromosomal and molecular levels; modes of adaptation and the behavior of genes in populations. Spring of alternate years.

491-496. INDEPENDENT STUDY 1-6
Prerequisite: 20 credit hours of biology. Each candidate must submit a written proposal for departmental approval in advance of his/her intention to register for this type of study. Research on a selected biological topic. The results of the research will be presented orally at the Centenary College Student Research Forum. On demand.

Frost School of Business

Dean: Labach
Assistant Professor: Ristig
Professors Emeriti: Christensen, Morrill, Wilcox
Professors: Davis, Hoaas, Rankin, Sikes
Lecturers: Jagot, Cronin

Centenary College offers a Bachelor of Science in Business Administration, a Bachelor of Science in Accounting and a Bachelor of Arts in Economics. Business Administration students may also choose to participate in the Business/Foreign Language Coordinate Program. Minors are available in Accounting, Business Administration, and Economics. Business majors must choose one of the seven concentrations offered: Commerce, Economic Policy, Energy Business, International Business, Investments, Leadership, Operations Analysis. Courses taken in the Business core do not count toward fulfillment of the Concentration. The Frost School of Business also offers a Master of Business Degree (M.B.A.) designed for managers with a minimum of five years of professional experience. A separate catalogue contains information about the Executive M.B.A. program, together with details concerning admission, expenses, degree requirements, and course of study. The MBA catalogue may be obtained from the Frost School of Business, Office of the Dean or downloaded online at centenary.edu/mba.

Business Administration (BUSN)

The Business Administration major at Centenary provides students with a broad understanding of business and of the larger economic and social environment within which organizations operate. Building on the liberal arts foundation of a Centenary education, the Business Administration curriculum is designed to equip students with the breadth and flexibility of mind to relate the complex interrelationships of business with society as a whole. The Business Administration major prepares students to enter an increasingly global environment and also provides exposure to social, human, cultural, international, political and ethical issues as they relate to Business. Concentrations within the Major provide students a focused course of study in Commerce, Leadership, Investments, Operations Analysis, Economic Policy, International Business or Energy Business. Our ultimate goal is to provide majors with the business acumen, analytical ability and broad perspectives that will prepare them for success in graduate programs, in their business careers, and in society. Students may be admitted to the Departmental Honors Program if they have attained junior standing and meet the other requirements. For details, consult the Dean of the School of Business.

Major Requirements for the B.S. in Business Administration

Centenary students receiving a Bachelor of Science degree in Business will complete a common Business core which consists of 10 courses, up to 40 hours. Courses taken for the Business degree cannot be taken Pass/Fail. No more than 28 hours of coursework can be transferred from other institutions to fulfill major degree requirements.

1. Required courses in the Business core:

BUSN 223	Commercial Law	4
BUSN 321W	Principles of Management	4
BUSN 346	Principles of Marketing	4
BUSN 380S	Social Responsibility of Business	4
BUSN 473	Senior Seminar in Policy and Strategy	4
FIN 325	Corporate Finance	4
	Total hours of Business core	**24**

2. Supportive courses required (cannot be taken Pass/Fail):

ACCT 203	Principles of Accounting	4
ECON 204	Statistics for Business and Economics	4
ECON 211	Principles of Microeconomics	4
ECON 212	Principles of Macroeconomics	4
	Total Supportive hours	**16**

Students should normally complete ACCT 203, ECON 211 and ECON 212 before taking any 300- or 400-level courses in business. ECON 204 is used in many upper level courses. Persons who wish to take a minor or elect an upper level business course should check with the instructor before enrolling.

3. Choice of Concentration:

Business majors must choose one of the seven concentrations offered: Commerce, Economic Policy, Energy Business, International Business, Investments, Leadership, Operations Analysis. Courses taken in the Business core do not count toward fulfillment of the Concentration.

Commerce Concentration

Students pursuing a Commerce Concentration within the Business Administration major are required to select four courses from among the following, at least two courses must be from BUSN:

ACCT 204:	Cost Accounting	4
ACCT 311:	Income Tax I	4
ACCT 340S:	International Accounting	4
BUSN 328:	Leadership and Organizational Behavior	4
BUSN 335:	Human Resource Management	4
BUSN 341:	International Management	4
BUSN 350:	Entrepreneurship	4
BUSN 395,396:	Selected Topics in Business	4
BUSN 421:	Operations Management	4
ECON 305:	Energy Economics	4
ECON 324W:	Labor Economics	4
ECON 329:	Money and Banking	4
ECON 335:	Sports Economics	4
ECON 340:	International Economics	4
ECON 343:	Public Sector Economics	4
FIN 350:	Principles of Risk and Real Estate	4
FIN 426:	Investments	4
FIN 460:	Advanced Investment Theory and Analysis	4

Total hours for the Concentration 16

Economic Policy Concentration

Students pursuing an Economic Policy Concentration within the Business Administration major must enroll in the two required courses plus two others:

ECON 340:	International Economics (required)	4
ECON 343:	Public Sector Economics (required)	4
ECON 312:	Intermediate Macroeconomic Theory and Policy	4
ECON 324W:	Labor Economics	4
ACCT 311:	Income Tax Accounting	4
PSC 103:	Contemporary Issues in Public Policy	4

Total hours for the Concentration 16

Energy Business Concentration

Students pursuing an Energy Business Concentration within the Business Administration major must enroll in the two required courses plus select two others:

ECON 305:	Energy Economics (required)	4
ECON 343:	Public Sector Economics (required)	4
ACCT 204:	Cost Accounting	4
GEOL 101:	The Dynamic Earth	4
GEOL 301:	Mineralogy	4

Total hours for the Concentration 16

International Business Concentration

Students pursuing an International Business Concentration within the Business Administration major must enroll in the three required courses plus select one other:

ACCT 340S:	International Accounting (required)	4
BUSN 341:	International Management (required)	4
ECON 340:	International Economics (required)	4
FREN 102:	Elementary French II	4
SPAN 102:	Elementary Spanish	4
PSC 111:	Global Politics	4

Total hours for the Concentration 16

Investments Concentration

Students pursuing an Investments Concentration within the Business Administration major must enroll in the two required courses plus select two others:

FIN 426:	Investments (required)	4
FIN 460:	Advanced Investment Theory and Analysis (required)	4
FIN 350:	Principles of Risk and Real Estate	4
ACCT 311:	Income Tax I	4
ECON 329:	Money and Banking	4

Total hours for the Concentration 16

Leadership Concentration

Students pursuing a Leadership Concentration within the Business Administration major must enroll in the two required courses plus select two others:

BUSN 328:	Leadership and Organizational Behavior (required)	4
BUSN 335:	Human Resource Management (required)	4
BUSN 350:	Entrepreneurship	4
PSY/SOC 260:	Social Psychology	4
PSY 357:	Attitudes and Persuasion	4

Total hours for the Concentration 16

Operations Analysis

Students pursuing an Operations Concentration within the Business Administration major must enroll in the two required courses plus select two others:

BUSN 335:	Human Resource Management (required)	4
BUSN 421:	Operations Management (required)	4
ACCT 204:	Cost Accounting	4
ACCT 424:	Accounting Information Systems	4
SOC 316:	Society and Technology	4
CSC 107:	Explorations in Agent-Based Modeling	4

Total hours for the Concentration 16

Certification to Teach

The Department of Education offers certification to teach Business through a minor in Education. See the Education section of this catalogue.

Requirements for the B.S. in Business for the Business/Foreign Language Coordinate Program

This coordinate program with the Department of Foreign Languages is designed to prepare students for a career in international business or to work in a business environment where Spanish or French is the predominate language. The student admitted to this program will major in Business Administration with either a Commerce or an International Business Concentration.

1. Students must complete both the required and supportive courses in the business core.
2. Students must complete eight hours of upper-level (300+) foreign language courses. These courses should be chosen with the advice of a professor of the chosen language.
3. The student must experience life in a foreign country. This experience may be completed by means of an international May term, participating in an international study program, or working as an intern in a foreign country. Centenary in Paris does not meet this requirement.
4. Questions regarding other options for fulfilling the international requirement and general inquiries concerning the program should be addressed to the Dean of the Frost School of Business and the Chair of the Foreign Languages Department.

Requirements for the Minor in Business Administration

Students who desire to earn a minor in Business Administration must satisfy the following requirements. No more than 9 hours of coursework can be transferred from other institutions to fulfill minor requirements.

ECON 211:	Principles of Microeconomics (required)	4
ACCT 203:	Principles of Accounting (required)	4
BUSN 223:	Commercial Law (required)	4
BUSN 321W:	Principles of Management (required)	4
BUSN 346:	Principles of Marketing (required)	4
FIN 325:	Corporate Finance (required)	4

Select one of the following:

BUSN 328:	Leadership and Organizational Behavior	4
BUSN 335:	Human Resource Management	4
BUSN 341:	International Management	4
BUSN 350:	Entrepreneurship	4
BUSN 395,396:	Selected Topics in Business	4
BUSN 421:	Operations Management	4
	Total hours for the Minor	**28**

Course Descriptions (BUSN)

BUSN 101. CONTEMPORARY BUSINESS ISSUES....4
(Restricted to first year students.) A study of the issues and trends faced by domestic business organizations, including interrelationships of business disciplines, ethics, the opportunities and threats faced by industry, impact of leaders in business, and economic restructuring. Fall.

BUSN 190. SPECIAL TOPICS: FIRST YEAR SEMINAR....2-4
This course is designed to facilitate the introduction of students to the unique Centenary experience. Topics may vary from year to year. Course, but not individual topics, may be repeated for credit. (Explorations and/or Challenge credit available as approved. No more than 4 hours may be used to fulfill Explorations or Challenge requirement.) On demand.

BUSN 223. COMMERCIAL LAW....4
This course is a survey of commercial law. Topics include but are not limited to torts,contracts,sales, agency, partnerships, corporations, securities regulation, property, commercial paper, credit transactions, environmental regulation, and other legal implications of conducting business both domestically and internationally. Fall and spring.

BUSN 291-294. INDEPENDENT RESEARCH....1-4
An opportunity for students to do independent research projects which are jointly selected by the instructor and the student. A written research report and an oral presentation at the Centenary College Student Research Forum are required.

BUSN 295, 296. SELECTED TOPICS....4, 4
A detailed study of an area of business not normally covered in regular business courses. On demand.

BUSN 300. STUDY ABROAD (CREDIT EVALUATED)....
Centenary-approved enrollment in business courses pursued abroad, such as participation in the student exchange program with the Aarhus School of Business, Denmark.

BUSN 301. DIVERSITY IN THE WORKPLACE....4
An exploration of how stereotypes and prejudices develop and how they affect all employees in the workforce. Discussions and assignments will examine how various groups of people are affected by organizational discrimination and how companies can learn to truly value the diversity of their workforce. Fall. SOCIAL SCIENCES EXPLORATION

BUSN 321W. PRINCIPLES OF MANAGEMENT....4
A study of the way people interact in the business world. Students will examine effective ways of planning for the future of an organization, organizing the resource allocation in a company, leading in a way that motivates and satisfies diverse employees, and controlling the outcomes of employee productivity. Subjects of study include essential managerial skills and tasks, the evolution of management thought, strategic planning, decision making, organizational structure, and ethical leadership. Fall and spring.

BUSN 328. LEADERSHIP AND ORGANIZATIONAL BEHAVIOR....4
A focus on individual, small group, and organizational behavior related to managerial leadership. Organizational change and the process of aligning people behind a common vision are explored in the context of 21st century organizations and the business environment. Non majors should consult the instructor before enrolling in this course. Alternate Fall.

BUSN 335. HUMAN RESOURCE MANAGEMENT....4
A study of the human resource management (HRM) objective of attracting, retaining, and motivating a productive and satisfied workforce. Content emphasis is on the effective use of planning, recruitment, compensation, training and development, and labor relations strategies. Alternate spring.

BUSN 341. INTERNATIONAL MANAGEMENT....4
A study of contemporary management models and their application to the global business environment. This course explores international strategic management and decision theory, in addition to cultural differences in leadership, motivation, communication, and human resource management. Alternate spring.

BUSN 346. PRINCIPLES OF MARKETING....4
A study of distribution of goods and services from producer to consumer. Channels of distribution, marketing functions, institutions, and costs. Non majors should consult the instructor before enrolling in this course. Fall and spring.

BUSN 350. ENTREPRENEURIAL FAMILY FIRMS 4
A study of the management, ownership, and life-cycle of entrepreneurial family-owned firms as well as the career and interpersonal issues of those family and non-family stakeholders involved in family-owned companies. Topics addressed include: working for a family business in the role of a non-family member; working indirectly for a family firm as a consultant, banker, CPA or attorney; and the responsibilities of ownership.

BUSN 380S. SOCIAL RESPONSIBILITY OF BUSINESS 4
Prerequisite: BUSN 223. A study of the social role and responsibility of business considering both the internal and external environments of the firm. Evaluation of the social responsibility of the firm to the consumer, the employee, and the management. Coverage of the values evidenced by the management of modern business. Spring.

BUSN 395,396. SELECTED TOPICS 4,4
Prerequisite: Consent of instructor. A detailed study of an area of business not normally covered in regular business courses. On demand.

BUSN 400. INTERNSHIP IN BUSINESS ADMINISTRATION 4
Corequisite: CA 250. Restricted to business majors. Designed to provide an opportunity for students to expand their theoretical knowledge and practical application of administrative principles by first-hand experience in various public and private agencies. May be repeated once for credit. Consent of the instructor necessary before registering. This course satisfies Career component of Trek.

BUSN 421. OPERATIONS MANAGEMENT 4
Prerequisites: ECON 204. This course will cover the topics of quantitative decision-making theories, linear programming, logistics, work design, work teams, and material planning. Emphasis will be on contemporary policies and approaches to total quality management (TQM).

BUSN 473. SENIOR SEMINAR IN POLICY AND STRATEGY.....4
Prerequisites: Senior standing, BUSN 223, BUSN 321W, BUSN 346, and FIN 325. A study of the theory and practice of strategic management, this capstone course integrates the student's previous study in business, economics, accounting and finance. Spring.

BUSN 491-496. INDEPENDENT STUDY..... 1-8
A reading and research course open to seniors by invitation.

FIN 201. CONSUMER FINANCE 4
This practical course is open to all students and is designed to help students arrange their personal financial affairs. The major topics include Financial Planning, Managing Your Money, Insurance Protection, Managing Investments, and Life Cycle Issues. Students will learn to budget disposable income in order to purchase autos, buy a home, construct a portfolio with a broker, select insurance, and plan for retirement.

FIN 325. CORPORATE FINANCE 4
Prerequisite: ACCT 203. An introduction to the theory and practice of managing organizational resources. Emphasis placed on making and evaluating financial and investment decisions. Topics covered include: time value of money, risk and return relationships, capital budgeting, capital structure, financial statement analysis, and security valuation. Fall.

FIN 350. PRINCIPLES OF RISK AND REAL ESTATE.....4
This survey course introduces different methods of addressing personal and business risks with insurance. Students study the hazards underlying property ownership and available risk reduction alternatives provided through multiple line insurance and corporate suretyship. The course also presents important investment, financing and tax concepts for property owners and investors. Tax planning for real estate ownership, closing costs and alternative financing are introduced. The study of mortgage financing, including sources of financing, mortgage instruments, the secondary mortgage market, and mortgage calculations is surveyed for personal and commercial property ownership. Spring

FIN 426. INVESTMENTS 4
Prerequisite: ACCT 204, ECON 204, and FIN 325. A study of the principles and problems determining sound investment policy. Topics include the capital asset pricing model, arbitrage pricing theory, efficient market hypothesis, and the option pricing model. A major component of the course involves analysis of the risk-return trade-off necessary to pursue efficient diversification of a portfolio using asset allocation. Fall.

FIN 460. ADVANCED INVESTMENT THEORY AND ANALYSIS 4
Prerequisites: FIN 325, FIN 426. An advanced course examining investment theory and management. Emphasis is placed on the practical application of recent academic research to the dynamic global investment environment. The course requires the students to work as a team to manage the Frost School of Business Student Managed Investment Fund and present the results of investment analysis to the SMIF Advisory Board. Spring.

FIN 491-496. INDEPENDENT STUDY..... 1-8
Prerequisites: Junior standing and consent of the instructor based on adequate preparation in finance, business, economics, and accounting. Research topics are jointly selected by the instructor and the student. A written research report and an oral presentation at the Centenary College Student Research Forum.

Accounting (ACCT)

Major Requirements for the B.S. in Accounting

Centenary students receiving a Bachelor of Science degree in Accounting will complete a common Business core which consists of 10 courses, up to 36 hours. Courses taken for the Accounting degree cannot be taken Pass/Fail. No more than 28 hours of coursework can be transferred from other institutions to fulfill major degree requirements.

1. Required courses in Accounting core (24 hours)

ACCT 203	Principles of Accounting	4
ACCT 204*	Cost Accounting	4
ACCT 305*	Intermediate Accounting I	4
ACCT 306*	Intermediate Accounting II	4
ACCT 311*	Income Tax Accounting I	4
ACCT 409*	Auditing	4

Choice of 3 (12 hours):

ACCT 312**	Income Tax Accounting II	4
ACCT 340S**	Issues in International Accounting	4
ACCT 407**^	Advance Accounting	4
ACCT 421**^	Governmental and Not-for-Profit Accounting	4
ACCT 424**	Accounting Information Systems	4
	Total hours for the Major	**36**

2. Supportive Courses (cannot be taken Pass/Fail)

ECON 204[1]	Statistics for Business and Economics	4
ECON 211[2]	Principles of Microeconomics	4
ECON 212[2]	Principles of Macroeconomics	4
BUSN 223*[3]	Commercial Law	4
BUSN 321W[3]	Principles of Management	4
BUSN 346	Principles of Marketing	4
BUSN 473[3]	Senior seminar in Policy and Strategy	4
FIN 325[3]	Corporate Finance	4
	Total hours for the Major	**32**

Requirements for a Minor in Accounting

Students who desire to earn a minor concentration in accounting must satisfy the following requirements:

ACCT 203	Principles of Accounting	4
ACCT 204	Cost Accounting	4
ACCT 311	Income Tax Accounting I	4
Electives in Accounting		8
	Total hours for the Minor	**20**

Course Descriptions (ACCT)

ACCT 203. PRINCIPLES OF ACCOUNTING 4

An introductory course intended to familiarize the student with the fundamental principles and methods of accounting primarily concerned with financial data gathering and presentation in the form of general-purpose external financial statements. Additional topics will include management's use of accounting data for planning, control and decision-making. Topics covered include recording business transactions, measuring income, accounting for assets and liabilities, analyzing information that is useful in making sound decisions and preparing annual financial statements. Fall.

*Course specifically required by the Louisiana State Board of Accountancy (LA Board)
** Meets LA Board requirements for 3 upper level accounting courses
^ Of the three courses to choose, one must be either ACCT 407 or ACCT 421.
[1] Second course in Symbolic Reasoning
[2] Social Sciences Explorations
[3] Required for B.S. in Business Administration

ACCT 204 COST ACCOUNTING 4
Prerequisite: ACCT 203. The purpose of the course includes the objectives and procedures of cost accounting for manufacturing, retail, service and not-for-profit entities. Topics covered include content and interpretation of the income statement and balance sheet, budgetary planning and control, internal reports for management, job order and process cost systems, cost-volume-profit relationships, standard costing and variance analysis, direct costing and relevant costs. Spring.

ACCT 305-306. INTERMEDIATE ACCOUNTING I AND II 4,4
Prerequisite: ACCT 204. An intensive study of financial accounting theory and practice, leading to the preparation of financial statements in accordance with Generally Accepted Accounting Principles. The course emphasizes the conceptual framework of accounting, spreadsheet applications for presentation of data analysis and ethical considerations in reporting under current rules and regulations. ACCT 305, Fall; ACCT 306, Spring.

ACCT 311. INCOME TAX ACCOUNTING I 4
The study of the structure, principles, and procedures of the Federal Income Tax Code. Projects include preparation of individual tax returns using current software and tax case research using web-based sources. Fall.

ACCT 312. INCOME TAX ACCOUNTING II.....4
Prerequisite: ACCT 311. A continuation of the study of the Federal Income Tax Code as it applies to corporations, partnerships, estates and trusts. Additional topics include gift taxation, international tax law and tax planning for complex individuals. Spring in alternate years.

ACCT 340S. ISSUES IN INTERNATIONAL ACCOUNTING 4
International accounting introduces and examines accounting issues unique to multinational enterprises and international business activity. Specific course topics include International Financial Reporting Standards (IFRS), auditing the global firm; financial reporting outside the USA; international financial disclosure issues such as segmental, social, and environmental; accounting harmonization; ethics; taxation; foreign exchange; and cultural issues.

ACCT 395, 396. SELECTED TOPICS..... 4,4
Prerequisite: Consent of instructor. A detailed study of an area of accounting not normally covered in regular accounting courses.

ACCT 400. INTERNSHIP IN ACCOUNTANCY 4
Corequisite: CA 250. Restricted to accounting majors. Designed to provide an opportunity for students to expand their theoretical knowledge and practical application of accounting constructs. A written and/or oral report on the internship is required. This course satisfies Career component of Trek. May be repeated once for credit.

ACCT 407. ADVANCED ACCOUNTING.....4
Prerequisite: ACCT 306. Accounting principles and procedures relating to specialized topics, including bankruptcy, partnerships, estates and trusts, consolidated entities and foreign currency reporting. Spring.

ACCT 409. AUDITING.....4
A study of auditing theory and procedures and the auditor's responsibility concerning the examination and reporting of financial statements for publicly traded entities. The role of the auditor and his/her contribution in the financial reporting process is emphasized as well as the areas of internal control, evidence of transactions, basic sampling and reconciliation techniques, the accountant's legal responsibility in reporting, reporting standards, and the role of the internal auditor. Fall.

ACCT 421. GOVERNMENTAL AND NOT-FOR-PROFIT ACCOUNTING 4
Prerequisites: ACCT 203. Financial and managerial accounting issues specific to governmental and private non-profit entities. Topics include: Budgeting, fiscal processes, and financial reporting regulations. Spring in alternate years.

ACCT 424. ACCOUNTING INFORMATION SYSTEMS 4
Prerequisite: ACCT 204. A study of accounting information systems design and implementation with emphasis on the information and control functions of the management decision-making process. On demand.

ACCT 491-496. INDEPENDENT STUDY 1-8
Each candidate must submit written proposal for departmental approval in advance of the student's registration for the course.

Economics (ECON)

The B.A. program in Economics provides a liberal education for students interested in understanding major economic relationships present in every society. In addition, Economics students study alternative ways of meeting needs within institutional and resource constraints. The B.A. program offers students the methodology and analytical techniques appropriate for graduate work in economics and related professions such as Public Administration and Law and provides a foundation for research and analysis in academic and government institutions.

Students may be admitted to the Departmental Honors Program if they have attained junior standing and meet the other requirements. For details, contact one of the Economics professors.

Major Requirements for the B.A. in Economics

Required:	ECON 204, ECON 211, ECON 212, ECON 311, ECON 312
Electives:	12 hours chosen from: ECON 305, ECON 324W, ECON 329, ECON 335, ECON 340, ECON 343W, ECON 351S, ECON 361, ECON 395/396, ECON 411
Capstone Experience:	ECON 452, ECON 461

Total hours in Economics: 38

Supportive Requirement (cannot be taken Pass/Fail): MATH 109 (4 credits) or higher

Minor Requirements in Economics

Required:	ECON 204, ECON 211, ECON 212, ECON 311 or ECON 312
Elective:	4 credit hours 300-level or above

Total hours for the Minor: 20

Course Descriptions (ECON)

ECON 105. ECONOMIC APPROACH TO CONTEMPORARY ISSUES 4
Students may NOT take this class after having received credit for ECON 211 or ECON 212. The examination of various social issues using basic economic concepts, theories, and analyses. Topics are selected from among major issues in the public forum with special emphasis on how decisions concerning the allocation of scarce resources are made and the consequences of such decisions. SOCIAL SCIENCES EXPLORATIONS; SUSTAINABLE WORLD CHALLENGE

ECON 108. ECONOMIC HISTORY OF NORTH AMERICA 4
The development of economic activities within North America from the Mesoamerican period, through European settlement to present-day NAFTA. Spring. SOCIAL SCIENCES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

ECON 204. STATISTICS FOR BUSINESS AND ECONOMICS.....4
A study of descriptive statistics, probability, probability distributions, sampling techniques, estimation, hypothesis testing, regression and correlation, and time series analysis. Application of the analytical methods to a research question using the computer will be a vital component of the class. This class may be substituted for ECON 304 from earlier catalogues.

ECON 211. PRINCIPLES OF MICROECONOMICS 4
Microeconomics is the study of the behavior of various economic agents, particularly consumers and producers. The course focuses upon the allocation of resources and distribution of income within competitive markets. The course provides an introduction to applied microeconomic fields such as environmental economics, international economics, labor economics, public sector economics, and industrial organization. Every semester. SOCIAL SCIENCES EXPLORATIONS

ECON 212. PRINCIPLES OF MACROECONOMICS 4
Macroeconomics is the study of the determination of national income, employment, and prices. The course focuses upon the determinants of aggregate economic activity, inflation, business cycles, the economic role of government and both fiscal and monetary institutions. The course provides an introduction to applied macroeconomic fields including policy, money and banking, international economics, and economic growth. Every semester. SOCIAL SCIENCES EXPLORATIONS

ECON 291. INTERDISCIPLINARY STUDIES.....4
This course is designed to allow for the treatment of topics across disciplinary boundaries without prerequisites.

ECON 305. ENERGY ECONOMICS 4
Prerequisite: ECON 211. A study of energy resource markets with emphasis on the interaction of scarcity and depletion. SOCIAL SCIENCES EXPLORATIONS; SUSTAINABLE WORLD CHALLENGE

ECON 311. INTERMEDIATE MICROECONOMIC THEORY 4
Prerequisite: ECON 211. Economic theories of individual and business decision-making and their effects on the production and allocation of economic goods. Fall.

ECON 312. INTERMEDIATE MACROECONOMIC THEORY 4
Prerequisite: ECON 212. Neoclassical, Keynesian, and modern theories of the determination of aggregate economic activity and their empirical relevance. Spring.

ECON 324W. LABOR ECONOMICS.....4
Prerequisite: ECON 211. Prerequisite: ECON 211. This course examines the labor market, going in depth behind the labor supply decisions households make and the labor demand decisions firms make. Issues such as the effects of minimum wages, imperfect labor markets, discrimination, investments in human capital, migration and immigration are discussed.

ECON 329. MONEY AND BANKING 4
Prerequisite: ECON 211 and 212. The structure and operation of money and banking institutions, with emphasis on the role of money, banking, and monetary policy in the economic life of the community.

ECON 335. SPORTS ECONOMICS 4
Prerequisite: ECON 211. Sports Economics is an applied microeconomics course that focuses upon the unique characteristics of the production and consumption of sporting contests. Topics include firm and league behavior, labor relations, and anti-trust concerns. Even Fall.

ECON 340. INTERNATIONAL ECONOMICS 4
Prerequisites: ECON 211 and 212. A study of international economic institutions and the theory of international trade. Topics covered include the gains from trade, exports and imports, barriers to trade, foreign direct investment, foreign exchange markets, international transfer of technology and intellectual property, and global market behaviors.

ECON 343W. PUBLIC SECTOR ECONOMICS 4
Prerequisite: ECON 211. A study of welfare economic problems unique to the public sector including: the public-private mix of natural resource allocation, environmental quality, tax incidence, distribution, and public policy.

ECON 351S. EVOLUTION OF ECONOMIC THOUGHT 4
Prerequisite: ECON 211. An introduction to the major schools of thought and theories that have contributed to economic principles. The course includes reading original work in the history of economic thought. SOCIAL SCIENCES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

ECON 395,396. SPECIAL TOPICS IN ECONOMICS 2,2
Prerequisites: ECON 211 and 212 or consent of the instructor. A study of specialized topics in economics not normally covered by other courses.

ECON 397. SELECTED TOPICS: READINGS IN ECONOMICS (MACROECONOMICS OR MICROECONOMICS) 2
Prerequisite: ECON 211 and 212. All students will read and discuss a group of short novels that use economic theory in solving mysteries. In addition, students will read and discuss classic articles on either topics related to macroeconomics or microeconomics. This course will reinforce the economic theories taught in ECON 211 and ECON 212. The course will also expose the student to the well-known professional literature of economics.

ECON 400. INTERNSHIP IN ECONOMICS.....4
Corequisite: CA 250. Restricted to economics major who have completed economic theory through ECON 312. Designed to provide an opportunity for students to expand their theoretical knowledge and practical application of economic principles by first-hand experience in various public and private agencies. A written and/or oral report on the internship is required. This course satisfies Career component of Trek. Consent of the instructor is necessary before registration.

ECON 411. INDUSTRIAL ORGANIZATION.....4
Prerequisite: ECON 311. An advanced study of applied micro-economic theory with respect to the organization of markets and industrial institutions. Particular focus is placed upon the structure and behavior of oligopolistic markets and firms. Additional emphasis is placed upon government regulation of markets both within and without anti-trust laws.

ECON 452. ECONOMETRICS AND QUANTITATIVE ANALYSIS.....4
Prerequisite: ECON 204, 311, 312. An introduction to the use of statistical techniques and mathematical model-building as predictive tools for both micro-economic and macro-economic applications. Fall.

ECON 461. RESEARCH SEMINAR IN ECONOMICS 2
Prerequisite: ECON 452. Corequisite: CA 250. A comprehensive seminar in which students meet weekly with the economics faculty to discuss topics that encompass the breadth of current economic theory. Students also learn about the economics profession, and how to conduct economic research. Each student is expected to complete, present, and defend an econometric study that they started in ECON 452. Students are required to submit their research for consideration for presentation at the Economic Scholars Program, sponsored by the Federal Reserve Bank of Dallas in late March or early April. If a student are unable to attend the ESP conference for whatever reason, he/she will be required to present the research at the Student Research Forum or at some other faculty-approved, public forum. Spring.

ECON 491-496. INDEPENDENT STUDY 1-6
Independent study of economic problems. By invitation only.

Chemistry (CHEM)

Professor Ticich, *Chair*
Associate Professor: Lawrence *Visiting Assistant Professor: Mu*
Assistant Professor: Weeks *Professors Emeriti: Blakeney, Seidler*

Centenary College offers an ACS accredited Bachelor of Science and a Bachelor of Science in Chemistry, as well as a minor in Chemistry.

The science of chemistry is so intimately woven into the fabric of modern society that a chemistry degree opens many career options. A deep understanding of chemistry is necessary to work in frontier areas of science such as nanotechnology, catalysis, renewable energy, and pharmaceutical design. A degree in chemistry is commonly a prerequisite to advanced study in these areas. Training in chemistry can also serve as preparation for careers in law, medicine, and business.

The American Chemical Society recommends standards for the training of professional chemists. Students interested in a career in chemistry and especially those interested in advanced study are strongly encouraged to pursue the program leading to the Bachelor of Science degree accredited by the American Chemical Society.

The department additionally offers a Bachelor of Science in Biochemistry for students interested in this field. This program is described on a separate page in this catalog.

Progress in chemistry is increasingly dependent on sophisticated instruments and the department has an extensive inventory of these tools of modern chemistry. These are described on the department's web site at centenary.edu/chemistry.

Departmental Honors in Chemistry

In order for students to be considered for admission to the Departmental Honors Program in chemistry, they must meet the general college requirements for admission to such programs. Interested students should consult the department chairperson.

Major Requirements

Bachelor of Science (American Chemical Society Accredited)

1. Chemistry courses:
   General Chemistry I and II 121/123, 122/124; Organic Chemistry I and II 201/211, 202/212; Analytical Chemistry 301/311;
   Physical Chemistry I and II 351/353W, 352/354;
   Foundations of Inorganic Chemistry and Chemical Literature and Information Retrieval 331/361S; Biochemistry 321;
   Senior Assessment 900;
   Four credits of Independent Study 491-494 or Chemistry Internship 400; and at least one of the following:
   (a) Advanced Inorganic Chemistry 332/334; (b) Instrumental Analysis 392; (c) Biochemistry II 322W/324.
2. Supportive coursework in cognate fields:
   (a) PHYS 104/114, 105/115 as the Natural Sciences Explorations requirement
   (b) MATH 115 and 201 to complete the B.S. requirement.

Total: 11 courses and 36 credit hours minimum

Bachelor of Science

1. General Chemistry I and II 121/123, 122/124; Senior Assessment 900;
   Chemical Literature and Information Retrieval 361S;
   Physical Chemistry 351, 353W
2. Six of the following with:
   (a) at least three chosen from Organic Chemistry 201, 211; Analytical Chemistry 301, 311; Foundations of Inorganic Chemistry 331; Biochemistry 321 and
   (b) the remainder chosen from Organic Chemistry II 202, 212; Instrumental Analysis 392; Physical Chemistry 352, 354W; Advanced Inorganic Chemistry 332, 334; Biochemistry II 322, 324; at least four credits of Independent Study 491-494 or Chemistry Internship 400
3. Supportive coursework in cognate fields:
   (a) PHYS 104/114, 105/115 as the Natural Sciences Explorations requirement
   (b) MATH 115 and 201 to complete the B.S. requirement.

Total: 11 courses and 36 credit hours minimum

Minor Requirements

CHEM 121/123, 122/124, 201/ 211, 202/212, and at least six additional hours in chemistry numbered 300 or above.

Certification to Teach

The Department of Education offers certification to teach Chemistry through a minor in Education. See the Education section of this catalogue.

Course Descriptions (CHEM)

105/115. CHEMISTRY AND SOCIETY/CHEMISTRY AND SOCIETY LABORATORY 3/1
CHEM 105 and 115 are corequisites. (Open only to students who have not completed CHEM 121.) A course designed for students with little or no science background which examines the role of science, chemistry in particular, in society. Topics include energy sources, consumer chemistry, nutrition, and drugs. The laboratory work involves individual or group projects, experiments, demonstrations, or seminars. All work is designed to accompany the lecture. (Three laboratory hours per week.) NATURAL SCIENCES EXPLORATIONS; SUSTAINABLE WORLD CHALLENGE

121/123. GENERAL CHEMISTRY I/GENERAL CHEMISTRY LABORATORY I 3/1
Prerequisite: Score of 20 or greater on the mathematics portion of the ACT, a score of 480 or better on the mathematics portion of the SAT, or completion of MATH 107. CHEM 121 and 123 are corequisites. Survey of the structure and properties of matter using atomic and molecular theory. Course includes atomic and molecular structure, periodicity, chemical bonding, intermolecular forces, chemical reactions, stoichiometry, gases, solutions, and crystalline solids. The laboratory includes guided and open inquiry laboratory investigations which lead to a discovery of the principles discussed in CHEM 121. Introduction to gravimetric, volumetric and instrumental techniques, data analysis and experimental design. (Three laboratory hours per week.) Fall. NATURAL SCIENCES EXPLORATIONS

122/124. GENERAL CHEMISTRY II AND GENERAL CHEMISTRY LABORATORY II 3/1
Prerequisite: Prior completion of CHEM 121/123. CHEM 122 and 124 are corequisites. Course includes chemical kinetics and equilibrium, thermochemistry and thermodynamics, electrochemistry, and descriptive chemistry of the elements. The laboratory includes guided and open inquiry laboratory investigations which lead to a discovery of the principles discussed in CHEM 122. Additional study of gravimetric, volumetric and instrumental techniques, data analysis and experimental design. (Three laboratory hours per week.) Spring. NATURAL SCIENCES EXPLORATIONS

201/211. ORGANIC CHEMISTRY I AND ORGANIC CHEMISTRY LABORATORY I 3/1
Prerequisites: CHEM 122/124. CHEM 201 and 211 are corequisites. A study of the chemistry of organic compounds. These studies are based on molecular structure, the properties of functional groups, and the mechanisms by which reactions occur. The laboratory work in this course is designed to allow students to cooperatively discover fundamental concepts of the science while introducing the common laboratory techniques of organic chemistry. The course emphasizes the use of modern and analytical instrumentation including Nuclear Magnetic Resonance, Spectroscopy, Infrared Spectrophotometry, Gas Chromatography, and Mass Spectroscopy. (Three laboratory hours per week.) Fall.

202/212. ORGANIC CHEMISTRY II AND ORGANIC CHEMISTRY LABORATORY II 3/1
Prerequisite: CHEM 201/211. CHEM 202 and 212 are corequisites. A study of the chemistry of organic compounds. These studies are based on molecular structure, the properties of functional groups, and the mechanisms by which reactions occur. The laboratory work in this course is designed to allow students to cooperatively discover fundamental concepts of the science while introducing the common laboratory techniques of organic chemistry. The course emphasizes the use of modern and analytical instrumentation including Nuclear Magnetic Resonance, Spectroscopy, Infrared Spectrophotometry, Gas Chromatography, and Mass Spectroscopy. (Three laboratory hours per week.) Spring.

290. INTERDISCIPLINARY STUDIES 4
This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. Course, but not individual topics, may be repeated for credit. No more than one 290 course may be used to fulfill a core requirement. Yearly.

291-294. DIRECTED RESEARCH 1-4
Prerequisites: First or second year standing and consent of instructor based on adequate preparation in chemistry, physics, and mathematics. Research on an assigned problem directed by a faculty member of the Centenary College Department of Chemistry. A written report and oral presentation of the work are required.

301/311. ANALYTICAL CHEMISTRY AND ANALYTICAL CHEMISTRY LABORATORY 3/1
Prerequisites: CHEM 122/124, and Math 115. CHEM 301 and 311 are corequisites. A study of the theory of the analytical process and the principles and methods of quantitative chemical analysis, with emphasis on the application of equilibrium theory to analytical problems. Laboratory work dealing with various gravimetric, volumetric, electrochemical, and colorimetric analysis. (Three laboratory hours per week) Spring.

321. BIOCHEMISTRY I. 4
Prerequisites: CHEM 202/212. A survey of biochemistry to include an introduction to the structure and properties of biological molecules, enzymatic catalysis, bioenergetics, major metabolic pathways, and the flow of genetic information. (Same as BIOL 321) Fall.

322W/324. BIOCHEMISTRY II AND BIOCHEMISTRY II LABORATORY 3/1
Prerequisite: CHEM 321. Corequisites: CHEM 322W/324. An in-depth investigation of an area of biochemistry. Laboratory study designed to demonstrate biochemical techniques and methodology. (Three laboratory hours per week.) (Same as BIOL 322W/324) Spring.

331/361S. FOUNDATIONS OF INORGANIC CHEMISTRY AND CHEMICAL LITERATURE AND INFORMATION..... 3/1
Prerequisites: CHEM 202/212. CHEM 331 and 361S are corequisites. A systematic study of the structure and reactivity of the elements and their compounds. 361S includes library exercises focusing on understanding the use of Chemical Abstracts, Science Citation Index, on-line interactive computer databases, and other sources. Students will make several oral presentations to the class. Junior standing. Fall.

332/324. ADVANCED INORGANIC CHEMISTRY AND ADVANCED INORGANIC CHEMISTRY LABORATORY..... 3/1
Prerequisite: CHEM 331. CHEM 332 and 334 are corequisites. Organometallic reactions, reaction mechanisms, and catalysis. Laboratory includes synthesis, purification, and characterization of selected inorganic and organometallic compounds utilizing various synthetic techniques and instrumental methods of analysis. (Three laboratory hours per week.) Spring of odd-numbered years.

348. DEVELOPMENTAL CONSEQUENCES OF CHEMICAL EXPOSURE.....4
This team taught course will describe some of the chemicals that modern human activity has introduced into the human animal and the developmental consequences thereof. Students will explore these topics through assignments practicing both chemistry and human development. (Same as PSY 348) Spring of odd years. NATURAL SCIENCES EXPLORATIONS; SUSTAINABLE WORLD CHALLENGE

351/353W. PHYSICAL CHEMISTRY I AND PHYSICAL CHEMISTRY LABORATORY I 3/1
Prerequisites: CHEM122/124, Math 201, PHYS 105/115. CHEM 351 and 353W are corequisites. Study of the theoretical framework, built on physical principles, that is used to understand chemical structure and reactivity. Examines kinetics and thermodynamics. Laboratory includes thermochemical and kinetic measurements, data and error analysis, and scientific writing in journal and review formats. (Three laboratory hours per week.) Fall.

352/354. PHYSICAL CHEMISTRY II AND PHYSICAL CHEMISTRY LABORATORY II 3/1
Prerequisites: CHEM122/124, Math 201, PHYS 105/115. CHEM 352 and 354 are corequisites. Study of the theoretical framework, built on physical principles, that is used to understand chemical structure and reactivity. Includes quantum mechanics, spectroscopy, and statistical mechanics. Laboratory investigations of the physical properties of chemical systems. Laboratory includes spectroscopic techniques, principles of lasers, and computational chemistry. (Three laboratory hours per week.) Spring.

392. INSTRUMENTAL ANALYSIS 4
Prerequisite: CHEM 351. A study of theory and applications of instrumental methods for separation and analysis. Emphasis is on spectrometric and chromatographic methods. (Three laboratory hours per week.)

395,396. SELECTED TOPICS 4,4
Prerequisites: Junior standing and consent of the instructor based upon adequate preparation in chemistry, physics, and mathematics. A detailed study of an area of chemistry not normally covered in the regular chemistry course. Topics may include organic reaction mechanisms, heterocyclic chemistry, nuclear chemistry, environmental chemistry. May be repeated once for credit when a different topic is offered. On demand.

400W,S. CHEMISTRY INTERNSHIP 1-4
Prerequisites: Junior standing and recommendation of the Chemistry Department faculty. Work in an industrial or research laboratory for a minimum of 120 hours (3 credit hours). A written and oral report on the work conducted is required. Offered on demand. May be offered as a W or S course.

491-496. INDEPENDENT STUDY..... 1-6
Prerequisites: Junior standing and consent of the instructor based on adequate preparation in chemistry, physics, and mathematics. Research on an assigned problem. A written report and an oral presentation of the work are required.

900. SENIOR ASSESSMENT ..... CR/NC
Chemistry and Biochemistry majors must take an assessment exam prior to graduation.

Communication Arts Program (COMM)

Professors: Hendricks, Glaros *Associate Professor: Hawkins*
Instructor: Laffey

Centenary College offers a Bachelor of Arts in Communication and a minor in Communication. Students majoring in Communication must choose one of the following concentrations: Professional Writing: Creative and Strategic Content, Film/Television/Video, or New Media Design. Students minoring in Communication must choose one of the following concentrations: Professional Writing: Creative and Strategic Content, Film and Television, or New Media Design

Centenary's interdisciplinary program in Communication provides students with a rich body of courses through which to explore the practices and theories of human communication as a social and cultural phenomenon. The program allows students the flexibility to concentrate their major coursework in an area that best suits their personal and professional goals; after receiving an introduction to communication studies, students may pursue one of three media production concentrations: Professional Writing, Film/Television/Video, or New Media Design. The program also encourages students to gain practical training in communication through internships with either local or national companies and organizations.

B.A. in Communication – Professional Writing Concentration: Creative and Strategic Content

The required interdisciplinary courses in the professional writing concentration allow students to explore and produce creative and strategic content; individual students can tailor the concentration to accommodate their own particular interests within writing and the larger field of communication. Students in the concentration receive a strong grounding in writing practice as well as vital experience in visual and design communication, oral communication, and cultural analysis. In this concentration, students also have the opportunity to study advertising, marketing, and public relations in the contexts of traditional as well as social and convergent media.

Major Requirements

1. COMM 200: Media Practicum (4 hours)
2. COMM 216: Professional Communication
3. COMM 281: Communication Studies
4. COMM 400: Internship in Communication (4 hours)
5. COMM 473: Senior Seminar in Communication
6. At least three (12 hours) courses in professional writing to be selected from the following:
   - COMM 219: Creative Writing
   - COMM 310: Sports Information: Communication and Culture
   - COMM 311S: Scriptwriting II
   - COMM 312: Literary Journalism
   - COMM 313W: Advanced Rhetoric
   - COMM 314W: Advertising and Public Relations
   - COMM 315: The Essay
   - COMM 316: Convergent Media: Social Media and Content Strategy
7. At least three (12 hours) courses in visual, audio, and multimedia production to be selected from the following:
   - COMM 218: Introduction to Photography
   - COMM 221: Digital Film Production I
   - COMM 251: Design Communication
   - COMM 321: Digital Film Production II
   - COMM 325: Documentary Film
   - COMM 326: Fiction Film
   - COMM 351: Web Design
   - COMM 352: Print Design
   - COMM 382: Radio Broadcasting
   - COMM 451: Multimedia Campaign
8. At least one (4 hours) course in cultural history and analysis to be selected from the following:
   - ART 291: Representations of the Holocaust
   - ART 306S: Modern and Contemporary Art
   - ART 310: History of Photography
   - COMM 383: Digital Rhetoric and Cultures
   - COMM 399: Film and Television Studies

Supportive Requirement

Completion of the intermediate level of a foreign language

12 courses: 48 hours

Requirements for a Minor in Communication – Professional Writing: Creative and Strategic Content

1. COMM 180: Public Communication in the Digital Age
2. COMM 216: Professional Communication
3. COMM 281: Communication Studies
4. At least three (12 hours) courses in professional writing to be selected from the following:
   - COMM 219: Creative Writing
   - COMM 211: Scriptwriting I
   - COMM 310: Sports Information: Communication and Culture
   - COMM: 312: Literary Journalism
   - COMM 313W: Advanced Rhetoric
   - COMM 314W: Advertising and Public Relations
   - COMM 315: The Essay
   - COMM 316: Convergent Media: Social Media and Content Strategy
   - COMM 319S: Screenwriting II

At least two (8 hours) COMM courses must be at the 300- or 400-level.

6 courses: 24 hours

B.A. in Communication – Film/Television/Video Concentration

The Film/Television/Video concentration is structured to teach students to express themselves and to communicate with others using various digital film media. With a liberal arts grounding and extensive production experience, students have the opportunity to become creative media artists and analysts who have a strong sense of the complex realities of the roles film, television, and video play in contemporary communication.

Major Requirements

1. COMM 200: Media Practicum (4 credit hours)
2. COMM 221: Digital Film Production I
3. COMM 281: Communication Studies
4. COMM 400: Internship in Communication (4 credit hours)
5. COMM 473: Senior Seminar in Communication
6. At least three courses (12 hours) in digital film production to be selected from the following:
   - COMM 218: Introduction to Photography
   - COMM 321: Digital Film Production II
   - COMM 325: Documentary Film
   - COMM 326: Fiction Film
7. At least two courses (8 hours) in film studies to be selected from the following:
   - COMM 178: Film Art
   - COMM 262: Shakespeare and Film
   - COMM 368: Film History
   - COMM 373S: Film Theory and Criticism
   - COMM 399: Film and Television Studies
8. At least one course (4 hours) in digital marketing to be selected from the following:
   - COMM 310: Sports Information: Communication and Culture
   - COMM 314W: Advertising and Public Relations
   - COMM 316: Convergent Media: Social Media and Content Strategy
   - COMM 451: Multimedia Campaign
9. At least one course (4 hours) in audio, multimedia and theatre production to be selected from the following:
   - THEA 303: Acting III: Contemporary Scene Studies
   - COMM 311S: Scriptwriting II
   - COMM 351: Web Design

- COMM 382: Radio Broadcasting
- COMM 383: Digital Rhetoric and Cultures

Supportive Requirement

Completion of the intermediate level of a foreign language.

12 courses: 48 hours

Film/Television/Video Minor Requirements

1. COMM 180: Public Communication in the Digital Age
2. COMM 221: Digital Film Production I
3. COMM 281: Communication Studies
4. At least three courses (12 hours) in film and television studies and/or digital film production to be selected from the following:
   - COMM 178: Film Art
   - COMM 262: Shakespeare and Film
   - COMM 321: Digital Film Production II
   - COMM 325: Documentary Film
   - COMM 326: Fiction Film
   - COMM 368: Film History
   - COMM 373S: Film Theory and Criticism
   - COMM 399: Film and Television Studies

At least two courses (eight hours) of coursework in Communication must be at the 300- or 400-level.

6 courses: 24 hours

B.A. in Communication – New Media Design Concentration

New media and digital design have emerged as crucial components of contemporary communication practice. The new media design concentration allows students to explore more fully the methods and practices associated with mobile communication technologies, multimedia, web, and digital graphic design while also developing knowledge and practices associated with more traditional communication concentrations.

Major Requirements

1. COMM 200: Media Practicum (4 hours)
2. COMM 251: Design Communication
3. COMM 281: Communication Studies
4. COMM 400: Internship in Communication (4 hours)
5. COMM 473: Senior Seminar in Communication
6. At least three (12 hours) courses in multimedia design to be selected from the following:
   - COMM 151: Introduction to Design
   - COMM 351: Web Design
   - COMM 352: Print Design
   - COMM 451: Multimedia Campaign
7. At least three (12 hours) courses in visual and audio production to be selected from the following:
   - ART 204: Drawing and 2D Media
   - COMM 218: Introduction to Photography
   - COMM 321: Digital Film Production II
   - ART 330: Materials and Techniques of Printmaking
   - ART 331: Materials and Techniques of Painting
   - COMM 382: Radio Broadcasting
   - COMM 325: Documentary Film
   - COMM 326: Fiction Film
8. At least one (4 hours) course in cultural history and analysis to be selected from the following:
   - COMM 250: Design History
   - ART 291: Representations of the Holocaust
   - ART 306S: Modern and Contemporary Art
   - COMM 310: Sports Information: Communication and Culture
   - ART 310: History of Photography

- COMM 314W: Advertising and Public Relations
- COMM 316: Convergent Media: Social Media and Content Strategy
- COMM 383: Digital Rhetoric and Cultures
- COMM 399: Film and Television Studies

Supportive Requirement

Completion of the intermediate level of a foreign language.

12 courses: 48 hours

New Media Design Minor Requirements

1. COMM 180 : Public Communication in the Digital Age
2. COMM 281: Communication Studies
3. COMM 250 : Design History

At least three courses in multimedia design to be selected from the following:

- COMM 151: Introduction to Design
- COMM 251: Design Communication
- COMM 351: Web Design
- COMM 352: Print Design
- COMM 451: Campaign

At least two (8 hours) COMM courses must be at the 300- or 400-level.

6 courses: 24 hours

Program Honors in Communication

In order for a student to be considered for admission to the Honors Program in Communication, he or she must meet the general College criteria for admission to such programs. In addition, each student must: a. Major in Communication. b. Hold a 3.5 GPA in the major and a 3.25 GPA overall. c. Complete a substantial project appropriate for his or her concentration and earn at least four hours of Independent Study (COMM 491-496). This project must be approved by an Honors Committee made up of three faculty members teaching in the Communication Program and must be published or presented at a public venue approved by the Committee.

Course Descriptions (COMM)

151. INTRODUCTION TO DESIGN.....4

This course explores, through discussion and application, the elements and principles of design fundamental to all visual arts. A production-oriented class with weekly critiques, this course equips students with foundational knowledge for further study in all visual art and communication courses. (Same as ART 151) Spring. HUMANITIES EXPLORATIONS

172. VISUAL CULTURE.....4

This course introduces issues and debates about how we shape, and are shaped by, different forms of visual culture such as film and video, television, painting, photography, performance art, the built environment, and information technology. Issues such as the role of visual cultures in (re) producing ideas about race, identity, sexuality and gender will also be explored. (Same as ART 172, ENGL 172) Spring.

178. FILM ART 4

This course provides an introduction to the study and analysis of film. Students will learn the fundamentals of film form, style, and history. Topics include narrative structure, mise-en-scene, cinematography, editing, sound, and genre. This course also prepares students for more advanced study in film seminars as well as digital film production. This course meets six hours per week, three of which are devoted to screenings. (Same as ENGL 178, ART 178) Fall. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

180. PUBLIC COMMUNICATION IN THE DIGITAL AGE.....4

This course explores the rhetorical challenges posed by new digital communication technologies. Students will investigate how these technologies have altered audience expectations for public presentations and learn when and how to use these technologies to enhance their public communication efforts. The course will require students to deliver a substantial number of oral presentations and use digital tools and communication forums to enhance these presentations when appropriate. Fall and spring. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

200. MEDIA PRACTICUM 2

Media Practicum is a workshop focused on critical and creative media deliverable production for Centenary College student media outlets. As preparation for more advanced study and production in upper division courses, this practicum is designed to provide students with a grasp of the fundamental workflows associated with media deliverable development. In addition, Media Practicum introduces students to the formal and stylistic differences associated with shaping media for delivery via differing platforms as well as for targeted audiences. May be taken multiple times. Fall and spring.

211. SCRIPTWRITING I 4
This course is primarily a writing workshop in which students are introduced to writing for film, television, and the stage. Emphasis is on creating believable settings, fluid dialog, memorable characters, and strong storylines. Students will produce four-five short scripts (4-8 pages) to be critiqued in class as well as analyze scripts by such writers as Thornton Wilder, Eugene Ionesco, and Quentin Tarantino. For a final project each student must submit 24-28 pages of edited writing. (Same as ENGL 211, THEA 211) Fall of even years.

216. PROFESSIONAL COMMUNICATION 4
Prerequisite: TREK 115. This course offers students instruction and practice in various forms of practical communication, such as correspondence, reports, and desktop publishing. Students will also learn specific technology and software skills to operate effectively as professional communicators. (Same as ENGL 216) Spring of even years.

218. INTRODUCTION TO PHOTOGRAPHY 4
This course introduces students to the basic principles of photography including a brief examination of the history of photography from a technical viewpoint and training in the functions and controls of a professional digital SLR camera. Students learn the effects of aperture and shutter speed on depth of field and motion, as well as proper light metering techniques. Composition basics, lighting, and digital darkroom techniques will also be explored. (Same as ART 218) Fall.

219. CREATIVE WRITING: POETRY/FICTION 4
Creative Writing comprises two courses, the Craft of Poetry and the Craft of Fiction, offered alternately in fall, combining seminar and workshop in which students read and formally analyze model work by established and emerging authors and produce creative work, poetry or short fiction, of their own, applying the techniques of the genre. May be taken two times as topic changes. (Same as ENGL 219) Fall.

221. DIGITAL FILM PRODUCTION I 4
Students will learn the basic terminology, methods, and principles of digital film production through classroom lecture, workshops, and field production work. (Same as ART 221) Fall.

250. DESIGN HISTORY 4
An investigation into the design of objects, spaces, and materials, and the forces that shape human-object relations. Students will be introduced to key design theories and movements of 19th-21st century design, and examine case studies stemming from fashion, architecture, decorative arts, landscape design, interior design, graphic design, industrial design, and/or product design. Particular emphasis will be given to the interconnections between design and technology. Spring of odd years. (Same as ART 250) HUMANITIES EXPLORATIONS

251. DESIGN COMMUNICATION 4
This course investigates the role design plays in human communication. Students will gain familiarity with the basic concepts and assumptions underlying design practice and learn to see how applied arts such as graphic design, industrial design, and multimedia design function as communicative activities. Special attention will be given to the rhetorical methods associated with identifying design problems and implementing design solutions. Students will also learn specific technology and software skills to operate effectively as visual designers. (Same as ART 251)

262. SHAKESPEARE AND FILM 4
Prerequisite: TREK 115. This course is the meeting ground of the single most influential English author and the most distinctive and pervasive modern artistic form. From its beginnings, film recognized Shakespeare as one of its most reliable and popular sources of material, and Shakespeare remains a potent presence in contemporary film. The course investigates this peculiar dedication to Shakespeare by considering both film versions of Shakespeare's plays ("Shakespeare on Film") and the frequent presence of Shakespearean material in films that have only the most tenuous connection to the actual playwright ("Shakespeare in Film"). (Same as ENGL 262) Spring of odd years. HUMANITIES EXPLORATIONS

281. COMMUNICATION STUDIES 4
This course provides a survey of human communication and an introduction to the assumptions and methods of analysis central to communication studies. Topics include the history of communication, communication theories and models, the social roles that communication plays in interpersonal, group, and organizational settings, methods for analyzing the mass media, and current controversies and debates within the field. Spring.

292. INTERCULTURAL STUDIES 4
Corequisite: CU 351. An introduction to another culture through an immersive educational experience. Courses include "Americans in Paris: The Quest for the Good Life," "Greece: Life amid the Ruins," and "Mississippi Delta: Encounters at the Crossroads." Course, but not individual topics, may be repeated for credit. This course satisfies the Culture component of Trek. Offered on demand.

310. SPORTS INFORMATION: COMMUNICATION AND CULTURE 4
Prerequisite: TREK 115. This course surveys the sports communication field and conducts critical analyses of sport's function in contemporary culture. Areas of investigation include sport's influence and effect on American culture and identity as well as sports journalism, team/league media relations, college sports information, marketing and advertising.

311S. SCRIPTWRITING II 4
This course continues and intensifies the writing workshop emphasis of COMM/ENGL 211 but with an added emphasis on the critical analysis

of exemplary scriptwriting by such writers as Tennessee Williams, Arthur Miller, and David Mamet. Students will also produce four-five (7-12 page) scripts to be critiqued in class, culminating in a final portfolio in which each student will submit 45-60 pages of edited writing, which includes a 24-28 page script suitable for one of the following: a one-act play, a half-hour television program, or a 30 minute short film. (Same as ENGL 311S, THEA 311S) Fall of odd years.

312. LITERARY JOURNALISM 4
Prerequisite: TREK 115. A seminar and workshop for writing literary journalism. Students will survey the genre from a historical perspective, analyze contemporary examples that may serve as models, and produce substantial work of their own. Students will gain experience in interviewing and research as well as employing literary techniques such as narrative, description, and dialogue. (Same as ENGL 312) Spring of odd years.

313W. ADVANCED RHETORIC.....4
Prerequisite: TREK 115. Advanced Rhetoric teaches techniques essential in developing public arguments. The course has a significant historical element, focusing on how such public arguments have been structured according to available media. At the same time, it emphasizes the historical volatility of language and the changing conventions of grammar, mechanics, and punctuation. Knowledge of these developments is the basis for practice in professional editing. Students will write in a variety of expository forms, and they will practice editing their own work and that of others. Course work will culminate in a substantial portfolio that demonstrates their competence as writers and editors. (Same as ENGL 313W) Fall of even years.

314W. ADVERTISING AND PUBLIC RELATIONS 4
Prerequisite: TREK 115. This course surveys the related fields of advertising and public relations and examines their role in contemporary society. Topics include history, law, ethics, social dynamics, and economic implications as well as creative and technical elements of advertising and public relations campaigns. The process of advertising and public relations is studied from the perspectives of art, business, and communication. (Same as ENGL 314W) Fall.

315. THE ESSAY.....4
A workshop course for writing belletristic or personal essays. Includes an overview of the essay genre as well as readings from representative essay literature. (Same as ENGL 315) Spring of even years. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

316. CONVERGENT MEDIA: SOCIAL MEDIA AND CONTENT STRATEGY 4
Students study basic techniques for producing a wide variety of media content as well as the tactics and strategies for deploying multiple media platforms. Students also study the similarities and differences in style among those platforms. Elements of good writing are emphasized along with learning to produce professional, public media under deadline pressure. In addition, this course emphasizes keeping up with current events and technological trends. (Same as ENGL 316) Spring of even years.

321. DIGITAL FILM PRODUCTION II 4
Prerequisite: COMM/ART 221 or permission of the instructor. Students will enhance their understanding of digital film production through advanced lectures and studio production work. (Same as ART 321)

325. DOCUMENTARY FILM.....4
Students will learn the basic terminology, methods, and principles of documentary film studies and production through classroom lecture, workshops, and field production work. Course work will focus on the analysis and production of documentary film as an aesthetic form and a social document, with an emphasis on the social documentary. This course meets six hours per week, three of which are devoted to screenings. (Same as ART 325) Spring of even years.

326. FICTION FILM 4
Students will investigate and practice the art of fictional film storytelling – or narrative film. Fiction filmmaking, at its core, is about making strategic creative choices while exercising specific kinds of creative control. By carefully studying the elements of narrative film language, dramatic principles of story arc and scene development, as well as staging, directing, and editing, students will obtain a deep understanding of how we tell compelling cinematic stories that affect viewers in predictable ways. This course meets six hours per week, three of which are devoted to screenings. (Same as ART 326)

351. WEB DESIGN 4
Prerequisite: ART/COMM 251. This course introduces students to the fundamental concepts, issues, and concerns associated with web site design. Course readings and exercises encourage students to explore the aesthetic and historical/cultural dimensions of design and then use this knowledge as they plan, propose, implement, and rationalize their own web site designs. (Same as ART 351) Spring of odd years.

352. PRINT DESIGN 4
Prerequisite: ART/COMM 251. Intermediate course covering the relationship between research, concept, image, typography, computers and color within the field of print publication design. Students will be introduced to printing techniques and outputs, as well as the technical properties of the translation of screen-based media to print-based media. Course concepts will be explored in a series of portfolio building design projects, ranging from identity collateral to annual reports to packaging design. (Same as ART 352) Every third semester.

368. FILM HISTORY 4
A chronological survey of the cinema from its beginnings in the 1890s to the present. Special attention is paid to major directors, influential national cinemas, and to dominant styles and genres. This course meets six hours per week, three of which are devoted to screenings. (Same as ENGL 368) Fall of even years.

373S. THEORY AND CRITICISM OF FILM 4
This course is concerned primarily with the aesthetics of film and the ways in which these theories are applied to practical criticism. Among those approaches to be studied will be feminist, semiotic, and historical methods of analysis. This course meets six hours per week, three of which are devoted to screenings. (Same as ENGL 373S) Fall of odd years.

382. RADIO BROADCASTING.....4
This course is a workshop in radio history, production, and station management. The class works in close association with the student-operated KSCL radio station, creating projects for possible broadcast. Students will read media texts, interact with local radio professionals, write scripts, and design programming. (Same as ENGL 382) Spring of odd years.

383. DIGITAL RHETORIC AND CULTURES.....4
This course explores the intersections of digital technologies, contemporary cultural theories, literature, film, and new media. It is a study of the ways technology – social, mechanical, digital – have formed, reformed, and transformed our everyday experience. Students will engage in the critical understanding of the role medium has historically played in cultural expression, and the role it continues to play in creative and rhetorical productions in the digital age. Through lecture, discussion, analytical essays, and critical production assignments, students will improve their digital literacy in regards to past and emergent multimedia objects. (Same as ENGL 383) Spring of odd years.

399. FILM AND TELEVISION STUDIES.....4
Prerequisite: TREK 115. An analysis of cinema or television as an aesthetic form and a social document, usually with an emphasis on American and European film or television. Recent topics have included: "Hitchcock," "Melodrama," and "Television Studies." May be elected for up to eight hours credit as topic changes. On demand. This course meets six hours per week, three of which are devoted to screenings. (Same as ENGL 399, ART 399)

400. INTERNSHIP IN COMMUNICATION..... 1-4
Prerequisite: Permission of the Biedenharn Chair in Communication. Supervised internship with an approved company or organization in any of the professional areas covered by the Communication major, such as video/film/television production, advertising, public relations, news or feature writing, new media design, graphic design, or marketing. Students will be required to submit an internship portfolio at the end of the internship to the Biedenharn Chair in Communication. May be repeated for up to four hours credit. Fall and spring.

451. TOPICS IN MULTIMEDIA CAMPAIGN.....4
Prerequisite: COMM/ART 251 This course will address a particular multimedia design issue or problem, guiding students in the planning and implementation of appropriate design solutions; topics will vary. May be elected for up to eight hours credit as topic changes. (Same as ART 451) Spring of even years.

473. SENIOR SEMINAR 4
Prerequisite: Senior standing and permission of the instructor. Corequisite: CA 250. This course guides senior communication students in the design and preparation of a portfolio promoting their professional identities and work. This course satisfies the Career component of Trek. Fall.

491-496. INDEPENDENT STUDY
Prerequisite: Permission of the Biedenharn Chair in Communication and the student's communication advisor. Guided study in a particular area of communication directed toward the completion of substantial Honors Program in Communication project appropriate for the student's track. The course is restricted to students seeking honors in communication. This course can be repeated for up to eight hours of credit. On demand.

Computer Science Minor (CSC)

Centenary College offers a minor in Computer Science.

Computer science is the study of information and computation. The Department of Mathematics offers a minor in computer science focused on the central principles of problem solving and algorithms as they are applied to diverse fields such as bioinformatics, artificial intelligence, databases, security, and computational mathematics. Courses in computer science will provide valuable programming experience relevant to many scientific endeavors, and the minor can be individually tailored to complement majors such as mathematics, biology, neuroscience, business, and economics.

It is recommended that students planning to minor in computer science take the introduction course CSC 207 in either the first or second year of their coursework. Those students interested in a computer science minor but with limited mathematical background are encouraged to first take CSC 107.

Requirements for a Minor in Computer Science

A minor in computer science consists of 20 credit hours of computer science and mathematics coursework. All computer science minors are required to take CSC 207 and CSC 234 and at least one course from CSC 310, CSC 440 or CSC 450. The remaining 8 credit hours must be selected from the following courses: MATH 220, CSC 277, MATH 310, CSC 310, CSC 440, CSC 450, CSC 400 (at least 4 credit hours), and MATH 405.

Course Descriptions (CSC)

107. EXPLORATIONS IN AGENT-BASED MODELING 4
This course explores how computers can be used to model complex phenomenon in the world through the simple behavior of agents and their interactions over time. Labs examine the mathematical properties that emerge from these agent interactions. Topics are drawn from a wide array of fields, including biology, ecology, sociology, economics, political science, mathematics, physics, and geology. (Students may not earn credit in CSC 107 after earning credit for CSC 207.) Spring of even years. SYMBOLIC REASONING EXPLORATIONS

207. INTRODUCTION TO COMPUTER SCIENCE 4
Prerequisite: CSC 107 or MATH 104 or higher, or permission of instructor. This course covers the principles of problem solving, programming and algorithm development through an interdisciplinary approach. Topics include mathematical functions, string manipulation, logic and control structures, file input/output, elementary data structures, and object-oriented programming. Fall. SYMBOLIC REASONING EXPLORATIONS

234. DATA STRUCTURES AND ALGORITHMS 4
Prerequisite: CSC 207. This course studies different structures for storing and processing data implemented through object-oriented programming. These structures include stacks, queues, linked lists, graphs and trees. Also studied are techniques and algorithms for sorting, searching and simulation. Spring.

277. BIOINFORMATICS 4
Prerequisite: CSC 207. This course explores computational methods for analyzing and understanding the large quantities of information now available in the growing fields of genomics, proteomics and systems biology. It complements practical experience of current bioinformatics systems with a deep understanding of their algorithmic underpinnings. Topics include aligning pairwise and multiple sequences, constructing phylogenies, searching strings, modeling motifs, clustering microarray data, inferring regulatory networks, and modeling biological systems. Spring of odd years.

310. DATABASE MANAGEMENT 4
Prerequisite: CSC 234. Real examples of database applications give students an opportunity to experience the entire database life cycle. Topics include the context, analysis, logical and physical design, and the implementation of a database management system. A database project will be required. This course satisfies the Community component of Trek. Every third year in the fall, starting 2012.

395,396. SELECTED TOPICS 4
A study of an area of computer science not normally covered in the regular computer science courses. On demand.

400. INTERNSHIP IN COMPUTER SCIENCE 1-4
Prerequisite: CSC 207. Credit is given for on-the-job training in certain vocational areas of computer science. This course satisfies the Career component of Trek. On demand.

440. ARTIFICIAL INTELLIGENCE 4
Prerequisite: CSC 234. This course provides an introduction to artificial intelligence, with a particular focus on the empirical approach: how can we have a computer act rationally? Topics include both local and global search techniques for problem solving, game theory, automated logical reasoning, statistical machine learning, and complex adaptive systems. An in-depth research project will be required. Every third year in the fall, starting 2013.

450. CRYPTOLOGY AND SECURITY 4
Prerequisite: CSC 234. This course investigates both classical and modern methods for information security. Topics include classical alphabetic encryption and decryption techniques, RSA, private and public key encryption, visual cryptography, and data privacy. An in-depth research project will be required. Every third year in the fall, starting 2014.

491-496. INDEPENDENT STUDIES IN COMPUTER SCIENCE 1-6
(Open to advanced students in Computer Science with departmental approval). One hour conference per week. Library and research work pertinent to the area of study selected. A presentation of the work is required. On demand.

Cross-Disciplinary Studies (CDS)

Cross disciplinary courses explore content that does not fall neatly into extant disciplinary descriptions. Faculty members may be working outside of traditional disciplinary boundaries or course content may integrate several disciplinary perspectives in a way that a single disciplinary designator would not be appropriate. The challenges provide an unusual context in which such nontraditional activities emerge as important components of the overall educational experience.

Course Descriptions (CDS)

190. SPECIAL TOPICS: FIRST YEAR SEMINAR 2-4
This course is designed to facilitate the introduction of students to the unique Centenary experience. Topics may vary from year to year. Course, but not individual topics, may be repeated for credit. (Explorations and/or Challenge credit available as approved. No more than 4 hours may be used to fulfill Explorations or Challenge requirement.) On demand.

191,192. TOPICS IN LIVING AND LEARNING 1-4
Seminars and experiential learning associated with Centenary Living and Learning Communities. No more than 8 hours may be used toward degree requirements.

292. INTERCULTURAL STUDIES 4
Corequisite: CU 351. An introduction to another culture through an immersive educational experience. Course, but not individual topics, may be repeated for credit. This course satisfies the Culture component of Trek.

295,296. SPECIAL TOPICS 4
A detailed study of an interdisciplinary topic at the sophomore level not normally offered in the regular curriculum. This course may be repeated for credit for different topics.

300. STUDY ABROAD (CREDIT EVALUATED) 0
Centenary-approved enrollment in courses pursued abroad that fall outside disciplinary designators. Credit will be assigned on an individual basis to the appropriate department based on an evaluation of the student's completed course work.

395,396. SPECIAL TOPICS 4
A detailed study of an interdisciplinary topic not normally offered in the regular curriculum at the junior or senior level. This course may be repeated for credit for different topics.

491-494. INDEPENDENT STUDY 1-4
An interdisciplinary project taken as an independent study and supervised by a sponsoring faculty member that explores a topic from multiple perspectives or that integrates the various aspects of an individualized major.

Education (EDUC)

Associate Professor: Soul, *Chair*
Visiting Assistant Professor: Little
Professor Emeriti: Gwin, Schwab
Assistant Professor: Hicks
Lecturers: Eason, Salinas

Centenary College offers a Bachelor of Arts in Elementary Education, a Bachelor of Science in Elementary Education, a Bachelor of Arts in Vocal Music Education, and a minor in Education and Secondary Education.

Teaching is both a science and an art. At its core, the study of education is interdisciplinary, always intertwining the mastery of content knowledge with the practice of pedagogy. The Department of Education offers innovative programs that effectively prepare students to teach in elementary and secondary schools as well as other education-related careers. Programs within the Department of Education provide students with opportunities to extend their liberal arts learning through inquiry into theory, the science of human learning, and applied teaching research. The Centenary College Department of Education is accredited by the Teacher Education Accreditation Council.

Major Requirements for the Bachelor of Arts in Elementary Education with Community and Social Justice Concentration

1. Education Core, 12 hours as follows:
   - EDUC 225: Education in a Diverse Society
   - EDUC 307: Teaching Children with Special Needs
   - EDUC 308: Classroom Management
2. Content and Pedagogy, 26 hours as follows:
   - EDUC 235: Language Arts for Children and Young Adults
   - EDUC 255: Foundations of Mathematical Concepts Development
   - EDUC 309W: Methods of Teaching Social Studies
   - EDUC 335: Research and Methods in Reading and Language Arts Instruction
   - EDUC 348: Integrative Learning and Teaching: Mathematics and Science
   - EDUC 349: STEM Practicum
   - PSY 353: Language Development or EDUC 372: Reading and Language Disorders
3. Supportive Courses, 59-60 hours as follows:
   - 4 hours of Art: ART 101: Ancient through Medieval or ART 102: Renaissance through Contemporary
   - 8 hours of English: Any literature class or COMM 180: Communication in the Digital Age
   - MATH 104: College Algebra (or higher level math)
   - 4 additional hours of symbolic reasoning to be selected from any Math, Philosophy 210, or any Computer Science
   - PSY 250: Human Growth and Development
   - PSY 230: Cognition
   - PSY 304: Statistics for Behavioral Sciences or ECON 204: Statistics for Business Economics
   - 4 hours of Biology
   - 4 hours of Physics
   - 7-8 additional hours of Natural Sciences to be selected from Biology, Chemistry/Biochemistry, Engineering, Geology, or Physics
   - 4 hours of History
   - 4 hours of Political Science
   - 4 additional hours of Social Science to be selected from Economics, History, Political Science, or Sociology
4. Clinical Practice, 9 hours as follows:
   - EDUC 430, 431S: Elementary Student Teaching
   - EDUC 471: Senior Seminar
   - CA 250: Career Explorations

Community and Social Justice Concentration (12 hours)

1. EDUC 302: Diversity and Social Justice in Education
2. 8 hours chosen from the following courses:
   - SOC 112: Social Issues; PHIL 102: Moral Problems; ART 291: Representations of the Holocaust; or PHIL 202: Ethics
   - SOC 202: Sociology of the Family
   - SOC 315: Juvenile Delinquency
   - SOC 317: Race and Ethnicity
   - SOC 396: Sociology of Education
   - PSY 260: Social Psychology
   - PSY/SOC 355: Prejudice and Stereotyping

Major Requirements for the Bachelor of Science in Elementary Education with STEM Concentration

1. Education Core, 12 hours as follows:
   - EDUC 225: Education in a Diverse Society
   - EDUC 307: Teaching Children with Special Needs
   - EDUC 308: Classroom Management
2. Content and Pedagogy, 26 hours as follows:
   - EDUC 235: Language Arts for Children and Young Adults
   - EDUC 255: Foundations of Mathematical Concepts Development
   - EDUC 309W: Methods of Teaching Social Studies
   - EDUC 335: Research and Methods in Reading and Language Arts Instruction
   - EDUC 348: Integrative Learning and Teaching: Mathematics and Science
   - EDUC 349: STEM Practicum
   - PSY 353: Language Development or EDUC 372: Reading and Language Disorders
3. Supportive Courses, 60 hours as follows:
   - 4 hours of Art: ART 101: Ancient through Medieval or ART 102: Renaissance through Contemporary
   - 8 hours of English: Any literature class or COMM 180: Communication in the Digital Age
   - MATH 115: Calculus
   - 4 additional hours of Symbolic Reasoning to be selected from any Math, Philosophy 210, or any Computer Science
   - PSY 250: Human Growth and Development
   - PSY 230: Cognition
   - PSY 304: Statistics for Behavioral Sciences or ECON 204: Statistics for Business Economics
   - BIOL 101: Principles and Methods of Biology
   - CHEM 121/123: General Chemistry I/General Chemistry Laboratory I
   - 4 hours of Physics
   - 4 hours Geology
   - 4 hours of History
   - 4 hours of Political Science
   - 4 additional hours of Social Science to be selected from Economics, History, Political Science, or Sociology
4. Clinical Practice, 9 hours as follows:
   - EDUC 430, 431S: Elementary Student Teaching
   - EDUC 471: Senior Seminar
   - CA 250: Career Explorations

STEM Concentration (12 additional hours)

1. ENGR 101
2. 8 hours to be chosen from BIOL 202 or CHEM 122/124 or MATH 201 or PHYS 105/115

Major Requirements for the Bachelor of Arts in Vocal Music Education (K-12)

Approved by the College and accredited by the Southern Association of Colleges and Schools Commission on Colleges; pending accreditation by the National Association of Schools of Music.

1. Education Core, 12 hours as follows:
   - EDUC 225: Education in a Diverse Society
   - EDUC 307: Teaching Children with Special Needs
   - EDUC 308: Classroom Management
2. Content and Pedagogy, 15 hours as follows:
   - EDUC 318: Content Area Reading
   - MUS 101: Introduction to Music Education
   - MUS 337S: Elementary School Music Methods
   - MUS 339S: Secondary School Vocal Music Methods
   - MUS 340: Secondary School Instrumental Music Methods
3. Music Courses, 47 hours as follows:
   - MUS 001-002: Recital Hour
   - MUS 107-108: Voice Lab
   - MUS 112/122: Elementary Music Theory and Lab
   - MUS 130-131: Piano Class
   - MUS 211/221: Advanced Music Theory and Lab
   - MUS 312/322: Form Analysis and Lab
   - MUS 327: Foundations of Conducting

MUS 328: Choral Conducting
MUS 345: A History of Musical Style I
MUS 346W: A History of Musical Style II
MUS 428: Advanced Conducting
MUS 471: Senior Seminar
MUS 170-270: Applied Lessons in Voice
MUS 153 or 154: Choral Ensemble (8 semesters , 8 hours)

4. Supportive Courses, 40 hours as follows:
   8 hours of English: Any literature class or COMM 180: Communication in the Digital Age
   MATH 104: College Algebra
   PSY 250: Human Growth and Development
   PSY 230: Cognition
   PSY 304: Statistics for Behavioral Sciences or ECON 204: Statistics for Business Economics
   12 hours of Natural Sciences to be selected from Biology, Chemistry/Biochemistry, Engineering, Geology, or Physics
   4 hours of History
   4 additional hours of Social Science to be selected from Economics, Political Science, or Sociology
5. Clinical Practice, 9 hours as follows:
   MUS 450, 451S: Student Teaching
   EDUC 471: Senior Seminar
   CA 250: Career Explorations

Requirements for a Minor in Secondary Education (with licensure in specific disciplines)

1. Education Core, 12 hours as follows:
   EDUC 225: Education in a Diverse Society
   EDUC 307: Teaching Children with Special Needs
   EDUC 308: Classroom Management
2. Content and Pedagogy, 10 hours as follows:
   EDUC 318: Content Area Reading
   EDUC 340: Secondary Methods
   EDUC 339: Content Area Practicum
3. Supportive Courses, as follows (plus others depending on area of certification):
   COMM 180: Public Communication in the Digital Age or ENGL: Any literature class
   PSY 250: Human Growth and Development
   PSY 230: Cognition
   4 hours of History
   4 hours of Political Science
   MATH 104: College Algebra (or higher level math)
   PSY 304: Statistics for Behavioral Sciences or ECON 204: Statistics for Business Economics
4. Clinical Practice, 9 hours as follows:
   EDUC 440, 441S: Secondary Student Teaching
   EDUC 471: Senior Seminar
   CA 250: Career Explorations

Requirements for a Minor in Education (non-licensure)

16 hours: EDUC 225: Education in a Diverse Society and 12 additional hours of Education (EDUC)

Students seeking a Minor in Education can choose to add a concentration in either Community and Social Justice or STEM. Students may only complete a minor in either Education or Secondary Education.

Certification

Students seeking certification to teach must enroll in the department's programs and meet the requirements for teacher certification in Louisiana. Louisiana enjoys certification reciprocity with most other states.

Departmental Honors

To be considered for Departmental Honors, students must fulfill the general College requirements for honors programs. In addition, they must:

1. Apply to the Chair of the department by the beginning of the junior year.
2. Complete a significant scholarly project to be researched under the direction of an education faculty member.
3. Present the results of the research before an approved body consisting of education professionals and/or majors.
4. Successfully complete all areas of the PRAXIS Examination.

Master of Arts in Teaching (M.A.T.)

Centenary College also offers a Master of Arts in Teaching at the following certification levels: Elementary, Secondary, and K-12. Undergraduate students at Centenary College who have completed 90 hours may, upon approval, enroll in Master of Arts in Teaching coursework. Upon successful completion of bachelor degree requirements and PRAXIS examinations, these students may be formally admitted to the M.A.T. program. For details please see the Department of Education Catalogue at centenary.edu/education.

Course Descriptions (EDUC)

225. EDUCATION IN A DIVERSE SOCIETY.....4
Exploration of education and schooling, emphasizing the social, legal, historical, and philosophical influences in American education, as well as upon educational responses to multiculturalism, cultural diversity, and diversity in the classroom. Course content is supplemented with observations in elementary, middle, and secondary classrooms. SOCIAL SCIENCES EXPLORATIONS

235. LANGUAGE ARTS FOR CHILDREN AND YOUNG ADULTS.....4
Examination of the history, rationale, and criteria for the selection and evaluation of classic, contemporary, culturally diverse literature for children and young adults. Strategies for culturally relevant literature-based reading instruction are presented to foster literacy development and promote an enjoyment of literature.

255. FOUNDATIONS OF MATHEMATICAL CONCEPTS DEVELOPMENT.....4
Analysis and application of research, strategies, and materials in teaching mathematics. Emphasis will be placed on reasoning, multiple representations of mathematical concepts, making connections and communication.

302. DIVERSITY AND SOCIAL JUSTICE IN EDUCATION.....4
Using multicultural education as a theoretical framework, candidates examine diversity issues such as race, culture, gender, ethnicity, socioeconomic class, affectional orientation, age, and ability as they relate to schooling and education. The relationship of diversity issues with classroom interaction, curriculum decisions and materials, and educational policy will be a major focus.

307. TEACHING CHILDREN WITH SPECIAL NEEDS.....4
An examination of effective methods utilized to teach students with special needs, within their own area of certification. Emphasis will be placed on meeting the needs of all students in a regular classroom setting, including but not limited to those diagnosed as ADD, ADHD, dyslexic, and gifted. Care is taken to distinguish between the needs of the 1-5, K-12, and 6-12 students.

308. CLASSROOM MANAGEMENT 4
A study of practical methods for creating positive learning environments for all learners from Kindergarten through 12th grade, with particular emphasis on the area of certification: grades 1-5, grades 6-12, or grades K-12. An examination of the structure of classrooms, in the area of certification, to develop organizational and management skills. Includes field-based experiences in the candidate's area of certification. Includes field-based experiences.

309W. METHODS OF TEACHING SOCIAL STUDIES 4
This course explores organizing and providing integrated instruction in grades 1-5 for the study of major themes, concepts, and modes of inquiry in social studies.

318. CONTENT AREA READING.....4
This course emphasizes the application of appropriate principles, methods, materials, and guidelines for teaching reading in an individual content area. This course will prepare secondary education certification candidates and K-12 certification candidates as they become content area teachers in their own discipline to be not only knowledgeable, but also proficient in utilizing techniques that will assist all students in reading and writing with understanding and clarity.

335. RESEARCH AND METHODS IN READING AND LANGUAGE ARTS INSTRUCTION 4
Analysis and application of research, strategies, and materials in teaching reading, writing, listening, viewing, and speaking. Includes attention to differentiating instruction, as well as the identification of and strategies for reading disabilities.

339. CONTENT AREA PRACTICUM 2
Application of research, strategies, and materials in teaching the content are content in a related classroom setting.

340. SECONDARY METHODS 4
Study of the materials, methods, and problems in teaching a secondary content area. Seminars on classroom organization and management, the special needs child, the integration of technology into the classroom, learning styles of students, student assessment, multicultural education, and appropriate teaching strategies specific instruction of the content area.

348. INTEGRATIVE LEARNING AND TEACHING: MATHEMATICS AND SCIENCE.....4
Examination of the research and theory concerning the development of children's mathematical and scientific thinking. Study of the planning and instructional strategies necessary for exemplary mathematics and science in distinct and in integrated methods of delivery, including attention to the integration of technology in mathematics and science instruction.

349. STEM PRACTICUM 2
Application of research, strategies, and materials in teaching integrated science, technology, engineering, and mathematics content and skills in a K-12 classroom.

372. READING AND LANGUAGE DISORDERS.....4
This course provides instruction in the teaching of children who experience difficulty in learning to read. Specifically, the course addresses reading problems as language problems and suggests communicative techniques that have been shown to be effective in shifting the language system in order to improve reading ability.

430, 431S. ELEMENTARY STUDENT TEACHING.....3,6
Corequisite: EDUC 471. A two-semester course in which candidates apply the concepts, principles, theories, and research related to development of children through intensive practice teaching under the guidance and supervision of a classroom teacher and college faculty. This course satisfies the Career component of Trek.

440, 441S. SECONDARY STUDENT TEACHING.....3,6
Corequisite: EDUC 471. A two-semester course in which candidates apply the concepts, principles, theories, and research related to development of children through intensive practice teaching under the guidance and supervision of a classroom teacher and college faculty. This course satisfies the Career component of Trek.

450, 451S. STUDENT TEACHING 3,6
Corequisite: EDUC 471. A two-semester course in which candidates apply the concepts, principles, theories, and research related to development of children through intensive practice teaching under the guidance and supervision of a classroom teacher and college faculty. This course satisfies the Career component of Trek.

471. SENIOR SEMINAR 0
Corequisite: EDUC 430, 431S, 440, 441S, or 450, 451S. A weekly one-hour seminar that reviews major teaching practices and classroom situations.

Engineering (ENGR)

Associate Professor Bieler, *Chair*, *Geology Department*
Assistant Professor: Cotton, Kelly

Centenary College offers two pathways for students to pursue studies in Engineering while also pursuing their Liberal Arts curriculum at Centenary. There is a Dual Degree program (Combined Plan or 3/2 program) in which a student completes three years of study at Centenary and two years at a cooperating institution and is awarded two baccalaureate degrees at the completion of all academic requirements. Centenary also offers a minor in Engineering Sciences that a student can complete with any other major in Natural Sciences or Mathematics. The Engineering Sciences minor can facilitate a student enrolling in an engineering degree program, perhaps with advanced standing, after graduating from Centenary.

The Dual Degree Program or Combined Plan

Centenary partners with Case Western Reserve University, Columbia University, and Washington University in St. Louis to offer a Dual Degree Program in liberal arts and engineering. Upon successful completion of all degree requirements, the student typically earns a B.A. or B.S. degree from Centenary in Geology, Mathematics, or an Individualized Major and the B.S. degree in engineering from the cooperating institution.

At Centenary, students take a core of science courses that provide the fundamental scientific principles and the basic engineering skills necessary for a student to pursue a professional degree in Engineering at the cooperating institution. In addition to the core requirements listed below, the cooperating institutions may have additional course requirements that need to be completed at Centenary and that may vary among different engineering disciplines. Students should consult with the Engineering advisor about additional requirements. Students also complete all other Centenary graduation requirements.

A student must complete ninety-two hours of course work before enrolling at the cooperating institution with a minimum GPA of 3.25 and a grade of B or better in all required course work in sciences and mathematics. Thirty-two hours of engineering courses from the institution granting the engineering degree will be accepted as transfer credit toward the Centenary degree; most of these courses are 300-level and above.

First-year students are expected to begin this program by enrolling in Calculus I; therefore a strong foundation in trigonometry and advanced mathematics is highly recommended. Students in the dual degree program should file a degree plan before beginning their last year at Centenary and regularly consult with the engineering coordinator to learn of program changes and application deadlines. See centenary.edu/engineering for details.

Centenary Science Course Requirements for the Dual Degree program:

PHYS 104/114, 105/115
MATH 115, 201, 203, 303, 307
CSC 207
CHEM 121, 123, 122, 124
Additional Courses as required by the cooperating institution

Minor in Engineering Sciences

A student may choose to complete a four year degree at Centenary before pursuing studies in engineering. The Engineering Sciences minor is designed so that students can develop the necessary background and experience to enter a degree program in Engineering, possibly with advanced standing. It may be in the student's best interest to elect additional hours in physics, computer science, or another natural science. Students should consider completing the TREK career requirement by enrolling in ENGR 400.

Requirements for Mathematics majors:

I. MATH 404: Vector Analysis
II. 4 of the following PHYS/ENGR courses (selected in consultation with the Engineering advisor):
ENGR 101: Introduction to Engineering
PHYS 251: Statics and Mechanics of Materials
PHYS 404: Electromagnetism and Electronics
PHYS 416: Thermal and Statistical Mechanics
PHYS 426: Light and Optics
III. A capstone experiences:
ENGR 491-496: Independent Study in Engineering (may be an REU)

Requirements for Natural Science Majors (Biology/Chemistry/Geology):

I. 2 advanced mathematics courses
MATH 303: Multivariable Calculus
MATH 307: Differential Equations
II. 3 of the following PHYS/ENGR courses (selected in consultation with the Engineering advisor):
ENGR 101: Introduction to Engineering
PHYS 251: Statics and Mechanics of Materials
PHYS 404: Electromagnetism and Electronics
PHYS 416: Thermal and Statistical Mechanics
PHYS 426: Light and Optics
III. A capstone experiences:
ENGR 491-496: Independent Study in Engineering (may be an REU)

Course Descriptions (ENGR)

101. INTRODUCTION TO ENGINEERING 4
Introduction to the engineering profession, professional concepts, ethics, and responsibility; includes sites visits and case studies; laboratory activities introduce various computer design projects and graphic techniques.

400. INTERNSHIP 1-4
Prerequisites: Junior standing and approval of the Engineering advisor. Assignments in an applied work experience will involve 40 hours of work per credit hour enrolled. A final written summary of the term's work is required.

491-496. INDEPENDENT STUDY IN ENGINEERING 4-8
Prerequisite: Consent of instructor. Guided independent study of a topic agreed upon by the student and any member of the department. Either a theoretical or an experimental subject may be selected. Written reports or oral presentations may be required when appropriate. Credit may vary from one to six hours per term.

English (ENGL)

Professor Hendricks, *Chair*
Assistant Professor: Leithauser
Professors Emeriti: Morgan, Labor
Professors: Hamming, Havird, Newtown, Shelburne
Instructor: Laffey

Centenary College offers a Bachelor of Arts in English and a minor in English. Students majoring in English may choose one of the following concentrations: Literary Studies, Creative Writing, or Film and Cultural Studies.

In the Department of English students have the opportunity to concentrate their coursework in Literary Studies, Creative Writing, or Film and Cultural Studies. Majors receive a strong foundation in the traditional areas of English and American literature. Many of the courses offered in English focus on close reading, writing, inquiry, and analysis. By exercising these skills, students majoring in English prepare themselves to enter graduate school or seek professions in the humanities, education, business, law, and other areas where language skills, analytical thinking, and cultural literacy are valued.

Major Requirements for a B.A. in English

All English majors, regardless of concentration, are required to take ten courses in English (40 hours), including the following five courses (20 hours):

- ENGL 102: Introduction to Literature (ideally taken during the first or second year)
- ENGL 278: Literary Theory and Cultural Criticism (ideally taken during the second year)
- ENGL 322: British Literature (ideally taken during the second or third year)
- ENGL 323: American Literature (ideally taken during the second or third year)
- ENGL 473: Senior Seminar (to be taken during fall of the fourth year)

Supportive Requirement: A foreign language through the intermediate level.

Concentration Requirements

Literary Studies Concentration

- Five additional courses in English (20 hours) including:
  ENGL 301S: Literature and Culture II
  ENGL 321W: Literary History
  One additional literature course at the 300-/400-level

Creative Writing Concentration

- Five additional courses in English (20 hours) including at least three creative writing courses, of which at least two must be on the 300/400 level, selected from the following course options:
  ENGL 211: Scriptwriting I
  ENGL 219: Creative Writing: Poetry
  ENGL 219: Creative Writing: Fiction
  ENGL 312: Literary Journalism
  ENGL 311S: Scriptwriting II
  ENGL 313W: Advanced Rhetoric
  ENGL 315: The Essay

Film and Cultural Studies Concentration

- Five additional courses in English (20 hours) including at least three film and cultural studies courses, of which at least two must be on the 300/400 level, selected from the following course options:
  ENGL 172: Visual Culture
  ENGL 178: Film Art
  ENGL 262: Shakespeare and Film
  ENGL 362S: Cultural Studies
  ENGL 368: Film History
  ENGL 373: Film Theory and Criticism
  ENGL 382: Radio Broadcasting
  ENGL 383: Digital Rhetoric and Cultures
  ENGL 399: Film and Television Studies

Minor Requirements

Students earning a minor in English are required to take six courses in English (24 hours), including the following four courses (16 hours):

- ENGL 102: Introduction to Literature (ideally taken during the first or second year)
- ENGL 278: Literary Theory and Criticism (ideally taken during the second or third year)
- ENGL 322: British Literature (ideally taken during the second or third year)
- ENGL 323: American Literature (ideally taken during the second or third year)

Students earning a minor in English are also required to take two elective courses (8 hours) in English, at least one of which must be on the 300-level.

Departmental Honors in Literary, Film, or Cultural Criticism

A student who earns English Departmental Honors in literary, film, or cultural criticism at Centenary College of Louisiana is someone who, through a rigorous course of comprehensive research, literary and/or cultural analysis, synthetic and critical writing, and an oral defense, demonstrates mastery of a primary work or set of works through close reading, careful analysis, a robust understanding of literary and cultural contexts, and a thorough knowledge of relevant criticism.

Full details are available on the English Department's webpage: centenary.edu/english/honors

Departmental Honors in Creative Writing

A student who earns English Departmental Honors in creative writing at Centenary College of Louisiana is someone who, through the production of original work and an oral defense, demonstrates not only a singularity of perception and expression but also a critical as well as an imaginative engagement in a literary tradition, which includes the conventions of genre and a repertoire of techniques.

Full details are available on the English Department's webpage: centenary.edu/english/honors

Certification to Teach

The Department of Education offers certification to teach English through a minor in Education. See the Education section of this catalogue.

Course Descriptions (ENGL)

101. SEMINAR IN RHETORIC AND CULTURE 4

A writing-intensive introduction to cultural inquiry and the art of persuasion. Through the analysis of texts in various genres and through the production of their own written arguments, students will learn to recognize and employ appropriate strategies for effective communication. Students will also attend and respond critically to co-curricular cultural events, including art exhibits, literary readings, concerts, films, lectures, and plays. Students are encouraged to take this class as early as possible and must take the course no later than their sophomore year. As needed.

102. INTRODUCTION TO LITERATURE 4

An introduction to literary appreciation, analysis, and interpretive techniques with an emphasis on close reading enhanced by class discussions and expository essays. Required for major and minor. Major/Minor Requirement. Fall. HUMANITIES EXPLORATIONS

172. VISUAL CULTURE 4

This course introduces issues and debates about how we shape, and are shaped by, different forms of visual culture such as film and video, television, painting, photography, performance art, the built environment, and information technology. Issues such as the role of visual cultures in (re) producing ideas about race, identity, sexuality and gender will also be explored. (Same as ART 172, COMM 172) Spring.

178. FILM ART 4

This course provides an introduction to the study and analysis of film. Students learn the fundamentals of film form, style, and history. Topics include narrative structure, cinematography, editing, sound, and genre. This course also prepares students for more advanced study in film seminars as well as film and video production. This course meets six hours per week, three of which are devoted to screenings. (Same as ART 178, COMM 178) Fall. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

190. SPECIAL TOPICS: FIRST YEAR SEMINAR 2-4

This course is designed to facilitate the introduction of students to the unique Centenary experience. Topics may vary from year to year. Course, but not individual topics, may be repeated for credit. (Explorations and/or Challenge credit available as approved. No more than 4 hours may be used to fulfill Explorations or Challenge requirement.) On demand.

201. LITERATURE AND CULTURE I 4

Intensive readings of literary works, studied within their cultural contexts, in such generically or topically oriented subjects as the American Short Story, Modern Drama, Literature and War, Modern American Poetry, Multicultural Autobiography, Literature of Social Change, and Southern Literature. May be taken two times as topic changes. Spring of odd years. HUMANITIES EXPLORATIONS; CHALLENGE (VARIABLE)

211. SCRIPTWRITING I 4

This course is primarily a writing workshop in which students are introduced to writing for film, television, and the stage. Emphasis is on creating believable settings, fluid dialog, memorable characters, and strong storylines. Students will produce four-five short scripts (4-8 pages) to be critiqued in class as well as analyze scripts by such writers as Thornton Wilder, Eugene Ionesco, and Quentin Tarantino. For a final project each student must submit 24-28 pages of edited writing. (Same as COMM 211, THEA 211) Fall of even years.

216. PROFESSIONAL COMMUNICATION 4
Prerequisite: TREK 115. This course offers students instruction and practice in various forms of practical communication, such as correspondence, reports, and desktop publishing. Students will also learn specific technology and software skills to operate effectively as professional communicators. (Same as COMM 216) Spring of even years.

219. CREATIVE WRITING: POETRY/FICTION.....4
Creative Writing comprises two courses, the Craft of Poetry and the Craft of Fiction, offered alternately in fall, combining seminar and workshop in which students read and formally analyze model work by established and emerging authors and produce creative work, poetry or short fiction, of their own, applying the techniques of the genre. May be taken two times as topic changes. (Same as COMM 219) Fall. HUMANITIES EXPLORATIONS

262. SHAKESPEARE AND FILM.....4
This course is the meeting ground of the single most influential English author and the most distinctive and pervasive modern artistic form. From its beginnings, film recognized Shakespeare as one of its most reliable and popular sources of material, and Shakespeare remains a potent presence in contemporary film. The course investigates this peculiar dedication to Shakespeare by considering both film versions of Shakespeare's plays ("Shakespeare on Film") and the frequent presence of Shakespearean material in films that have only the most tenuous connection to the actual playwright ("Shakespeare in Film"). (Same as COMM 262) Spring. HUMANITIES EXPLORATIONS

278. LITERARY THEORY AND CRITICISM.....4
Prerequisite: TREK 115 or permission of the instructor. This course introduces the history and current practices of literary criticism. The course uses a variety of literary texts for testing and exploring each method. Major/Minor Requirement. Spring. HUMANITIES EXPLORATIONS

290. INTERDISCIPLINARY STUDIES 4
This course is designed to facilitate the treatment of topics across disciplinary boundaries. May be taken two times as topic changes. (Same as ENST 290) On demand. HUMANITIES EXPLORATIONS; CHALLENGE (VARIABLE)

292. INTERCULTURAL STUDIES.....4
Corequisite: CU 351. An introduction to another culture through an immersive educational experience. Courses include "Americans in Paris: The Quest for the Good Life," "Greece: Life amid the Ruins," and "Mississippi Delta: Encounters at the Crossroads." Course, but not individual topics, may be repeated for credit. This course satisfies the Culture component of Trek. Offered on demand.

301S. LITERATURE AND CULTURE II 4
Prerequisite: TREK 115 or permission of the instructor. Intensive readings of literary works, studied within their cultural contexts, in such generically or topically oriented subjects as the Postcolonial Novel, Women's Literature, Sex and Gender, Literature of Diaspora, Caribbean Poetry, etc. May be taken two times as topic changes. Fall of odd years. HUMANITIES EXPLORATIONS; CHALLENGE (VARIABLE)

310. SPORTS INFORMATION: COMMUNICATION AND CULTURE.....4
Prerequisite: TREK 115. This course surveys the sports communication field and conducts critical analyses of sport's function in contemporary culture. Areas of investigation include sport's influence and effect on American culture and identity as well as sports journalism, team/league media relations, college sports information, marketing and advertising. (Same as COMM 310) On demand.

311S. SCRIPTWRITING II.....4
This course continues and intensifies the writing workshop emphasis of COMM/ENGL 211 but with an added emphasis on the critical analysis of exemplary scriptwriting by such writers as Tennessee Williams, Arthur Miller, and David Mamet. Students will also produce four-five (7-12 page) scripts to be critiqued in class, culminating in a final portfolio in which each student will submit 45-60 pages of edited writing, which includes a 24-28 page script suitable for one of the following: a one-act play, a half-hour television program, or a 30 minute short film. (Same as COMM 311S, THEA 311S) Fall of odd years.

312. LITERARY JOURNALISM 4
This course is a seminar and workshop for writing literary journalism. Students will survey the genre from a historical perspective, analyze contemporary examples that may serve as models, and produce substantial work of their own. Students will gain experience in interviewing and research as well as employing literary techniques such as narrative, description, and dialogue. (Same as COMM 312) Spring of odd years.

313W. ADVANCED RHETORIC.....4
Prerequisite: TREK 115 or permission of the instructor. Advanced Rhetoric teaches techniques essential in developing public arguments. The course has a significant historical element, focusing on how such public arguments have been structured according to available media. At the same time, it emphasizes the historical volatility of language and the changing conventions of grammar, mechanics, and punctuation. Knowledge of these developments is the basis for practice in professional editing. Students will write in a variety of expository forms, and they will practice editing their own work and that of others. Course work will culminate in a substantial portfolio that demonstrates their competence as writers and editors. (Same as COMM 313W) Fall of even years.

314W. ADVERTISING AND PUBLIC RELATIONS 4
Prerequisite: TREK 115 or permission of the instructor. This course surveys the related fields of advertising and public relations and examines their role in contemporary society. Topics include history, law, ethics, social dynamics, and economic implications as well as the creative and

technical elements of the advertising and public relations campaign. The process of advertising and public relations is studied from the perspectives of art, business, and communication. (Same as COMM 314W) Fall.

315. THE ESSAY.....4
This is a workshop course for writing belletristic or personal essays and includes an overview of the essay genre as well as readings from representative essay literature. (Same as COMM 315) Spring of even years. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

316. CONVERGENT MEDIA: SOCIAL MEDIA AND CONTENT STRATEGY.....4
Students study basic techniques for producing a wide variety of media content as well as the tactics and strategies for deploying multiple media platforms. Students also study the similarities and differences in style among those platforms. Elements of good writing are emphasized along with learning to produce professional, public media under deadline pressure. In addition, this course emphasizes keeping up with current events and technological trends. (Same as COMM 316) Spring of even years.

321W. LITERARY HISTORY.....4
Prerequisite: ENGL 102 or permission of the instructor. This course designates a variety of topically focused seminars on British and American literary periods or movements, such as Medieval and Early Modern British literature, the Romantic Period and the Victorian Age, Colonial American literature, the American literary renaissance, and Modernism. These seminars emphasize the study of primary texts and critical analysis and research. May be taken three times as topic changes. Fall. HUMANITIES EXPLORATIONS

322. BRITISH LITERATURE.....4
Prerequisite: ENGL 102 or permission of the instructor. The course introduces students to some major British writers and to profitable approaches to their works while providing opportunities for students to refine their critical practices. Students should expect to finish the course with a broad, if skeptical, understanding of the conventional periodic divisions of British literature, an appreciation of the critical notions of "traditions" and "canon," and a sense of the pleasure to be derived from reading and discussing fine writing. The course offers students abundant opportunity for the close reading of complex texts. Major/Minor Requirement. Fall. HUMANITIES EXPLORATIONS

323. AMERICAN LITERATURE.....4
Prerequisite: ENGL 102 or permission of the instructor. An intensive survey of significant cultural and literary forces in American literature. Major/Minor Requirement. Spring. HUMANITIES EXPLORATIONS

333W. SEMINAR IN LITERARY GENRES.....4
Prerequisite: TREK 115 or Permission of the Instructor. This course designates a variety of seminars devoted to a single literary genre or two complementary genres, focusing on primary texts that illustrate characteristics of the genre as it has developed historically and, to a lesser extent, on theoretical examinations of it. Regularly offered seminars include the British Novel, the American Novel, and the Lyric Poem. May be taken three times as topic changes. HUMANITIES EXPLORATIONS.

341W. MAJOR AUTHORS.....4
Prerequisite: ENGL 102 or permission of the instructor. An intensive study of authors whose work has significantly affected the traditions of literature written in English. A class might focus on one author – for instance, Chaucer, Shakespeare, Milton, Austen, or Faulkner – or might examine several authors whose works are historically linked or mutually illuminating – for example, Johnson and Boswell, Woolf and the Bloomsbury Group, or Rossetti and the Pre-Raphaelites. May be taken three times as topic changes. Spring of even years. HUMANITIES EXPLORATIONS

362S. CULTURAL STUDIES.....4
In this course students will analyze the detritus of American pop culture—literature, art, Hollywood film, television, music, sports, magazines, consumer culture, games and new media. Students will critically examine these cultural productions, considering what they reveal about the practice of everyday life, structures of power, and modes of resistance. The course will introduce theoretical frameworks for studying race, class, gender, and sexuality in the context of popular media, including Marxism, feminism, psychoanalysis, and post-structuralism. May be taken three times as topic changes. Fall of odd years. HUMANITIES EXPLORATIONS

368. FILM HISTORY.....4
A chronological survey of the cinema from its beginnings in the 1890s to the present. Special attention is paid to major directors, influential national cinemas, and to dominant styles and genres. This course meets six hours per week, three of which are devoted to screenings. (Same as COMM 368) Fall of even years.

373S. FILM THEORY AND CRITICISM.....4
This course is concerned primarily with the aesthetics of film and the ways in which these theories are applied to practical criticism. Among those approaches to be studied will be feminist, semiotic, and historical methods of analysis. This course meets six hours per week, three of which are devoted to screenings. (Same as COMM 373S) Fall of odd years.

382. RADIO BROADCASTING.....4
This course is a workshop in radio history, production, and station management. The class works in close association with the student-operated KSCL radio station, creating projects for possible broadcast. Students will read media texts, interact with local radio professionals, write scripts, and design programming. (Same as COMM 382) Spring of odd years.

383. DIGITAL RHETORIC AND CULTURES.....4
This course explores the intersections of digital technologies, contemporary cultural theories, literature, film, and new media. It is a study of the ways technology – social, mechanical, digital – have formed, reformed, and transformed our everyday experience. Students will engage in the critical understanding of the role medium has historically played in cultural expression, and the role it continues to play in creative and rhetorical productions in the digital age. Through lecture, discussion, analytical essays, and critical production assignments, students will improve their digital literacy in regards to past and emergent multimedia objects. (Same as COMM 383) Spring of odd years.

399. FILM AND TELEVISION STUDIES.....4
Prerequisite: TREK 115 or permission of the instructor. An analysis of cinema or television as an aesthetic form and a social document, usually with an emphasis on American and European film or television. Recent topics have included: "Hitchcock," "Melodrama," and "Television Studies." May be elected for up to eight hours credit as topic changes. On demand. This course meets six hours per week, three of which are devoted to screenings. (Same as ART 399, COMM 399)

400. INTERNSHIP.....4
Supervised internship with an approved employer in an appropriate professional area, such as editing, publishing, and public relations. Students are required to submit a term paper or project of equivalent value to the program director at the end of the internship. On demand.

473. SENIOR SEMINAR.....4
A capstone course in which Senior English majors review and reflect on their previous educational experiences and plan for life after college, including career exploration and the graduate school admission process. Students will assemble a portfolio that includes critical and/or creative writing of significant length and materials related to job seeking or the graduate school application process: resume or curriculum vita, application letter, purpose statement, etc. Students will also prepare for and take a comprehensive exam in English. Major requirement. Fall.

494. INDEPENDENT STUDY.....1-4
Prerequisites: Junior standing and permission of the instructor. Research and writing or creative work in an area of mutual interest to the student and faculty member. May be taken two times depending on project. On demand.

Environment and Society Minor (ENST)

Associate Professor Bieler, *Chair, Geology Department*
Professor Hamming, *English Department*

Centenary College offers a minor in Environment and Society.

At least twenty hours of courses work are required for the ENST minor, including six hours in courses numbered above 300. No more than four hours from the student's major course requirements may be counted towards the minor. Up to six hours of coursework in any department may be added from outside the elective list, subject to the approval of an ENST advisor. One course in any department not offered as a Sustainability challenge course may be elected subject to the approval of an ENST advisor.

Required Courses

a. One course from GLG 103, CHEM 105/115, GLG 208
b. Four additional Sustainability challenge courses from at least two academic divisions selected in consultation with an ENST advisor

Course Descriptions (ENST)

290. INTERDISCIPLINARY STUDIES 4
Prerequisite: Permission of instructor. This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. Course, but not individual topics, may be repeated for credit. (Same as ENGL 290) HUMANITIES EXPLORATIONS; SUSTAINABLE WORLD CHALLENGE

302. ENVIRONMENT TOPICS.....4
Prerequisites: Six hours of environmental studies required course work, or permission of advisor. A detailed study of environmental subject matter not normally covered in other work. Topics will stress the interdisciplinary nature of environmental issues and policy-making, covering such topics as environmental regulation, law, and politics.

391,392,393,394. SELECTED TOPICS 1-4
An in-depth study of environmental topics not covered in existing college courses. Environmental courses taken at an approved field station are especially likely to be considered in this category. A current topics is Coastal Oceans, taught through LUMCON (Louisiana Universities Marine Consortium).

491-493. INDEPENDENT STUDY..... 1-3
Prerequisites: Permission of program advisor and submission of acceptable proposal. Guided independent study or experience related to ongoing environmental issues. Written report or oral presentation will be required where appropriate.

Foreign Languages

Professor Kress, *Chair*
Professor: Ward
Associate Professor: Murov
Assistant Professor: Augustin-Billy
Lecturer: Addington
Professors Emeriti: Clark, Gruettner, Penuel

Centenary College offers a Bachelor of Arts in French and minors in French and Spanish. Business Administration students may also choose to participate in the Business/Foreign Language Coordinate Program.

The programs in languages at Centenary are designed to provide students with a knowledge of languages and cultures which will be useful to them practically, intellectually, and professionally.

We seek to equip the student with the ability to understand, speak, read, and write the language. To this end, the target language is used extensively, in some courses exclusively, in the classroom. The department aims to make the learning of languages as authentic and effective as possible. Students publish a French-language newspaper, perform a Spanish play, and broadcast in French and Spanish on the college radio station.

The study of a language and the culture rooted in that language will not only provide students with invaluable insights into the nature and structure of feelings, imagination, and thought, but will also deepen their understanding of their own language and culture.

Knowledge of another language enhances employment opportunities in many fields in an increasingly interdependent world, and is the basis for a career itself. Career opportunities are found in tourism, international business, government, airlines, social work, and teaching.

Centenary provides its students opportunities for study abroad through its membership in the consortium of the Associated Colleges of the South and through various CODOFIL programs (Council for the Development of French in Louisiana), through exchange programs with MICEFA in Paris, the *Université de Lille* in Lille, France, the *Universidad de Guanajuato* in Guanajuato, Mexico and through Intercultural Experience Courses (short courses in May) in countries such as Mexico, Spain, and France.

The department is equipped a large collection of audio-visual materials in all the languages we teach. Last, but not least, the new multimedia lab provides computer-assisted instruction in all languages.

A Major is offered in French. Minors are offered in French and Spanish.

For information regarding departmental scholarships, please contact the Chair of the department.

Placement and Credit Through Examination

Students with at least two years of a foreign language in high school or competent in a foreign language for other reasons are required to demonstrate their level of proficiency through examination prior to enrolling in a foreign-language course or during the first week of classes. Students may receive both advanced placement and credit for elementary and intermediate courses (101, 102; 201, 202) on the basis of their scores on examinations administered by the Department of Foreign Languages during orientation or on the basis of their scores on examinations of the Advanced Placement Program of the College Entrance Examination Board (AP). For specific information on the AP. See the Chair of the department for information on the scheduling and evaluation of the tests.

Major Requirements for the B.A. In French

1. Twenty-eight hours (including Senior Seminar, i.e. FLNG 471-73) in the major language numbered above 202, three of which must be selected from conversation laboratories (211, 311).
2. Supportive courses as follows:
   Choose option I or II.
   I. Twelve credit hours in English courses numbered above 102.
   II. Eight credit hours in English courses numbered above 102, and four credit hours in a history course approved by the advisor.

Strongly recommended are four additional hours in religion or philosophy and eight hours in fine arts.
(Students will also be advised to take, as part of the options above: English 478 or another course with emphasis on critical theory.)

Minor Requirements for French and Spanish

1. Twenty-two credit hours including:
   a. Eight credit hours in courses numbered above 300, four of which shall be in literature.
   b. Two credit hours selected from conversation laboratories 211, 212; 311, 312.

Departmental Honors

A major may be admitted to the Department's Honors Program if he or she has attained junior standing and meets the other requirements. For details, consult the department Chair.

Requirements for the B.S. in Business for the Business/Foreign Language Coordinate Program

This coordinate program with the Department of Foreign Languages is designed to prepare students for a career in international business or to work in a business environment where Spanish or French is the predominate language. The student admitted to this program will major in Business Administration with either a Commerce or an International Business Concentration.

1. Students must complete both the required and supportive courses in the business core.
2. Students must complete eight hours of upper-level (300+) foreign language courses. These courses should be chosen with the advice of a professor of the chosen language.
3. The student must experience life in a foreign country. This experience may be completed by means of an international May term, participating in an international study program, or working as an intern in a foreign country. Centenary in Paris does not meet this requirement.
4. Questions regarding other options for fulfilling the international requirement and general inquiries concerning the program should be addressed to the Dean of the Frost School of Business and the Chair of the Foreign Languages Department.

Certification to Teach

The Department of Education offers certification to teach French through a minor in Education. See the Education section of this catalogue.

Departmental Courses (FLNG)

300. STUDY ABROAD (CREDIT EVALUATED)

Centenary-approved enrollment in courses pursued abroad, such as concurrent registration in study abroad programs through ACS and CODOFIL.

330. METHODS OF TEACHING LANGUAGES 4

A study of various approaches to the teaching of foreign languages to children and adults, including readings in current theories of language teaching and learning and opportunities for observation and practice teaching. Prerequisite: completion of the intermediate level of a foreign language. On demand.

391. SEX AND SHAME IN CARIBBEAN LITERATURE 4

For the North American tourist, the Caribbean evokes images of sun, white-sand beaches, and lush landscapes. This course will go beyond these idyllic images and examine the ways in which Caribbean women writers portray coming-of-age narratives in contemporary fiction. We will study how young girls' sexuality is profoundly intertwined with race, gender, and class in a setting that encourages an erasure of their sexuality. Along the way, we will discover how migration to the United States often disrupts and transforms the girls' journey to womanhood and exposes diasporic preoccupations around issues of identity, power, and, subjectivity. Taught in English.

393W, 394W. STUDIES IN CULTURE: LITERATURES IN TRANSLATION 4,4

No knowledge of a foreign language required. Studies in the nature and ideas of foreign cultures through film and/or literature in English translation. Individualized topics may not be repeated for credit. W courses require a minimum of 12 typed pages of graded writing. HUMANITIES EXPLORATION

400. INTERNSHIP 1-4

This course involves practical experience in the teaching of foreign languages or in the use of foreign languages in the business world.

471-473. SENIOR SEMINAR 1-4

An intensive study of a topic in language, literature, civilization, or foreign language teaching methodology. The student will make an oral presentation or at least one major paper on the topic being studied. This course will also include an assessment of proficiency acquired in the target language during the student's undergraduate career.

French (FREN)

101-102. ELEMENTARY FRENCH I-II 4-4

An introduction to French with emphasis on developing, speaking, listening, reading, and writing skills as well as cultural understanding. Students will practice their French extensively using online media and community resources. Yearly.

190. SPECIAL TOPICS: FIRST YEAR SEMINAR 1-4

This course is designed to facilitate the introduction of students to the unique Centenary experience. Topics may vary from year to year. Course, but not individual topics, may be repeated for credit. (Explorations and/or Challenge credit available as approved. No more than 4 hours may be used to fulfill Explorations or Challenge requirement.) On demand.

201-202. INTERMEDIATE FRENCH 4-4

Prerequisite: FREN 101-102 or equivalent. Grammar review, development of vocabulary and fluency in oral and written expression. Readings on various aspects of French culture, including literature . Students will practice their French extensively using online media and community resources. Yearly.

211. FRENCH CONVERSATION LAB – SECOND YEAR 1

Prerequisites: FREN 101-102 or consent of the instructor. Normally requires concurrent enrollment in French 201-202. Intensive conversational practice in a small-group setting conducted by native speakers of French. Conversation classes will involve discussion of French customs, and will stress the development of situational vocabulary. May be repeated for credit. Offered every semester.

300. COMPOSITION AND CONVERSATION THROUGH THE CULTURAL HISTORY OF *LA FRANCOPHONIE*.....4
Prerequisites: FREN 201-202 or equivalent. This is a transitional course for students who have completed second year French and who wish to become more competent speakers and writers before enrolling in more advanced courses. Students will read short passages and write short, guided compositions about the men, women, and events that have shaped the Francophone world. Class time will be devoted to intensive oral practice developing the material covered in the readings and the compositions. Students will each research one important individual or event and produce a written presentation about that person or event that will become part of an online encyclopedia written for students of French. Alternate years or on demand.

301. PHONETICS: THE FRENCH SOUND SYSTEM IN SOCIAL CONTEXT.....4
Prerequisites: FREN 202 or permission of the instructor. An in-depth study of the International Phonetic Alphabet and the French sound system, focusing on those features of connected speech that cause difficulty for Anglophones. Students will use their newly acquired skills to produce a play. Alternate years or on demand.

304. RETHINKING THE MEANING OF HOME IN HAITIAN TEXTS.....4
Prerequisites: FREN 300 or equivalent or permission of the instructor. Haitian literature, one of the most prolific in the Caribbean, is often characterized as a literature of exile. Through rethinking what home might mean for writers at home and in the diaspora, this course will introduce students to different literary movements and genres that have shaped Haitian literature while exploring issues of exile, identity, politics, and sexuality.

306. THE LITERATURE OF CHILDREN AND YOUNG ADULTS IN THE FRANCOPHONE WORLD.....4
Prerequisites: FREN 300 or equivalent or permission of the instructor. In this course, we will explore the literature of children and young adult literature from various Francophone perspectives. How does the author negotiate language and identity? In what way does going away to school allow (or does not allow) the author to come to terms with the world around him? How does the mother or the father's role shape the young author's conception of himself and others? We will explore these questions and more through different genres including film. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE COURSE

308. INTRODUCTION TO LITERARY TEXTS.....4
Prerequisite: FREN 305 or completion of any upper division French course. Provides an introduction to the study of French literature, and teacher techniques for reading and analyzing short stories, poetry, plays and longer prose selections. One novel will be read in its entirety. Offered every spring semester. HUMANITIES EXPLORATION

311. FRENCH CONVERSATION LAB - THIRD YEAR.....1
Prerequisites: FREN 201-202, FREN 211, or consent of the instructor. Normally requires concurrent enrollment in FREN 305. Intensive conversational practice in a small-group setting conducted by native speakers of French. Conversation classes will involve discussion of French customs, articles from the French press, and will stress the development of vocabulary relating to issues of current concern in France. May be repeated for credit. Offered every semester.

395,396. SELECTED TOPICS.....3,3
Prerequisites: FREN 201-202 or completion of any upper division French course. Study in areas of French language, civilization, or literature not covered by other courses. Individual topics may not be repeated for credit. Offered on demand.

402. GENDER AND SEXUALITY STUDIES IN THE FRANCOPHONE WORLD.....4
Prerequisites: FREN 300 or equivalent or permission of the instructor. French feminist and philosopher Simone de Beauvoir once said, "One is not born a woman but becomes one." How does one become a man or a woman in the Caribbean or in Africa? How is sexuality produced and regulated? This course will examine the constructions of gender and sexuality in Francophone literature. In addition, we will focus on the ways in which the characters in these literatures respond to, react to and confound the constructions of womanhood, manhood, and sexuality.

408. POSTCOLONIAL POWER AND THE RAPE OF THE ATLANTIC WORLD.....4
Prerequisites: FREN 300 or equivalent or permission of the instructor. Rape, particularly on college campuses today, has generated a lot of debate. This course provides a reconceptualization of rape through the lens of political abuse and violence from slavery to the modern era in African and Caribbean literature. We will examine how slavery, dictatorships, and neocolonial policies have raped bodies of citizens and left a lasting trauma. We will interrogate structures of power and domination and the way societal rapes, from NGOs in developing countries to human trafficking, invite us to rethink notions of consent, citizenship, and violence.

421. THE EVOLUTION OF *LA LOUISIANE CRÉOLE ET CADIENNE*.....4
Prerequisites: FREN 201-202 or completion of any upper division French course. Study of major texts of Louisiana French and creole literature, including works by LaSalle, LeBlanc de Villeneufve, Mercier, Testut, Rouquette, and others. Students will contribute an article and edit a work of literature that will be included in the online *Anthologie vivante de la littérature louisianaise*. Alternate years or on demand. HUMANITIES EXPLORATIONS

430. ORAL TRADITIONS: LANGUAGE AS PERFORMANCE ART.....4
Until the French Revolution French was primarily an *oral* phenomenon and written forms of literature existed much like musical notation today—as a guide to performers that would convey it to a public who could not read. This course focuses on *listening* to French as a performance art from the Medieval French *lai* to the modern rock opera and will sharpen the student's ability to understand spoken French. The course contains a production

component which consists of a narrated music video that places a work belonging to the oral tradition in historical and cultural context. Alternate years or on demand. HUMANITIES EXPLORATIONS

450. ADVANCED GRAMMAR AND COMPOSITION 4
Prerequisites: FREN 201-202 or completion of any upper division French course. An intensive study of advanced grammar and vocabulary covering such topics as linguistic signs and structure, semantics, syntax, and morphology. Students will write articles for and manage the publication of the French language newspaper, *Le Tintamarre*. Alternate years or on demand.

491-494. INDEPENDENT STUDY 1-3
Prerequisites: FREN 201-202 or permission of instructor. Study in a field of French language or literature appropriate to the student's preparation and interests. Individual topics may not be repeated for credit. Offered upon demand.

Spanish (SPAN)

101-102. ELEMENTARY SPANISH 4-4
An introduction to the Spanish language with emphasis on developing speaking, listening, reading, and writing skills as well as cultural understanding.

201-202. INTERMEDIATE SPANISH 4-4
Prerequisites: SPAN 101-102. Continued development of speaking, listening, reading, and writing skills. Course includes discussion of films and readings as well as grammar review and writing practice.

211-212. SPANISH CONVERSATION LAB 1,1
Prerequisites: SPAN 101-102 or consent of the instructor. Normally requires concurrent enrollment in SPAN 201-202. Intensive conversational practice in a very small group, involving discussion of Hispanic customs and the development of situational vocabulary. Offered every semester.

305. ADVANCED SPANISH GRAMMAR AND COMPOSITION 4
Prerequisites: SPAN 201-202 or consent of instructor. Refinement of students' command of Spanish through readings, debates, oral presentations, creative performances, and grammar review. Alternate years.

306. SPANISH FOR PROFESSIONS 4
Prerequisites: Span 202 or permission of the instructor. This course is focused on the development of oral and written Spanish language skills with special attention given to medical contexts and situations. While concentrating on language skills, the course will also include discussions of cultural diversity and how culture-specific beliefs and practices affect health and health care.

307. ADVANCED SPANISH COMPOSITION 4
Prerequisites: SPAN 201-202 or consent of instructor. Analysis of a variety of fiction and non-fiction forms and styles along with intensive practice writing in Spanish. Class is conducted in a workshop format and is strongly recommended for students who plan to take upper-level literature courses. Alternate years.

308. SPANISH CONVERSATION THROUGH CINEMA 4
Prerequisites: SPAN 202 or permission of instructor. A survey of contemporary Latin American films with special focus on how these films represent social problems and realities. Each film centers on a particular problem such as racism, gender discrimination, poverty, crime, or political oppression. Some attention will be given to analysis of cinematic techniques and critical approaches to the study of Latin American cinema.

311-312. SPANISH CONVERSATION LAB 1,1
Prerequisites: SPAN 201-202 or consent of the instructor. Intensive conversational practice, involving discussion of Hispanic customs, and will stress the development of situational vocabulary. Offered every semester.

315. LATIN AMERICAN LITERATURE 1900 - PRESENT 4
Prerequisites: Span 202 or consent of the instructor. Selections from contemporary Latin American prose, poetry, and drama. Themes include the relationship between art and politics and the negotiation of national and gender identity in the face of modernization, urbanization, dictatorship, and revolution. Alternate years. HUMANITIES EXPLORATIONS

316. LATIN AMERICAN LITERATURE: SHORT STORY 4
Prerequisites: SPAN 202 or permission of the instructor. This course will expose students to the richness of the Spanish-American short story and will include study of realist, gothic, and fantastic modes of representation. Every third year. HUMANITIES EXPLORATIONS

317. LATIN AMERICAN LITERATURE AND CULTURE IN A REGIONAL CONTEXT 4
Prerequisite: SPAN 202. This course introduces students to the cultural production of a particular region or country. Possible regions include Spain, Cuba, Argentina-Uruguay, and Central America. Special emphasis will be on literature. However, the course will also study art, music, dance, and film from a particular region. Every third year. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

318. GOLDEN AGE SPANISH LITERATURE 4
Prerequisites: SPAN 201-202 or consent of instructor. A study of sixteenth- and seventeenth century Spanish literature with emphasis on Cervantes' Don Quijote. Conducted in Spanish. Alternate years. HUMANITIES EXPLORATIONS

395,396. SELECTED TOPICS 4,4
Prerequisites: SPAN 201-202, or consent of the instructor. Study in some area of Spanish or Spanish-American culture not covered elsewhere. Individual topics may not be repeated for credit. On demand.

491-493. INDEPENDENT STUDY 1-4
Prerequisites: Two courses above 202 and permission of the instructor. Study in a field of Hispanic literature, language, or civilization appropriate to the student's preparation and interests. Individual topics may not be repeated for credit.

Gender Studies Minor (GEN)

Professor Wolkomir, *Advisor*

Centenary College offers a minor in Gender Studies.

Minor Requirements

Twenty to twenty-four hours of coursework as follows:

1. Required Courses (six eight hours):
   - SOC 202: Sociology of the Family
   - SOC 354: Sex and Gender in Society
2. Electives (at least twelve hours) chosen from the following courses:
   - BIOL 403: Animal Behavior
   - ECON 324: Labor Economics
   - ENGL 301: (when gender related topic approved by the Gender Studies advisor)
   - FLNG 391: Sex and Shame in Caribbean Literature
   - FREN 402: Gender and Sexuality Studies in the Francophone World
   - FREN 408: Postcolonial Power and the Rape of the Atlantic World
   - HIST 334: Readings in European Women's History
   - PHIL 202: Ethics
   - PSC 208: Intro to Law
   - PSC 356: The Politics of Constitutional Rights and Liberties
   - REL 332: Gender and Family in Early Christianity
   - REL 415: Women and Religion

Students may use up to eight hours credit from their majors toward the Gender Studies minor. Students are also strongly encouraged to take courses in at least three academic disciplines. Up to eight hours of coursework in any department may be added from outside this elective list, subject to the approval of a Gender Studies advisor. Such additions might include internships or special topics courses whose subject matter includes a strong focus on gender issues. Courses may also be approved in cases where a student is completing a significant project on gender issues within a course that is not on the elective list. Additionally, a student may include up to three hours of Independent Study in any department, subject to the approval of a Gender Studies advisor, for research and work on some aspect of gender studies.

Course Descriptions (GEN)

395. SPECIAL TOPICS IN GENDER STUDIES 1-4
Prerequisite: permission of program advisor. A specialized study of an area within gender studies not normally covered in regular sociology, English, or other gender studies courses. On demand.

491-494. INDEPENDENT STUDY IN GENDER STUDIES 1-4
Prerequisite: permission of program advisor and submission of acceptable proposal. Guided independent investigation of an original problem or issue within gender studies. Written report or oral presentation will be required where appropriate. On demand.

Geology (GLG)

Associate Professor Bieler, *Chair* *Professor: Vetter*
Professors Emeriti: Barrett, Shaw

Centenary College offers a Bachelor of Arts and a Bachelor of Science in Geology, as well as a minor in Geology.

Introductory courses offered by the Geology Department are designed to broaden the student's knowledge and understanding about the earth and to develop an appreciation for our environment. The materials that make up the earth and the processes that control their genesis and deformation form the basis of the first course in geology. In the other courses, these modern processes are used as models for understanding the history of the earth and various environmental issues.

At the advanced level, the department offers areas of study for both the prospective professional and the individual interested in geology but not intending to make it a career. The student interested in geology as a career should obtain the B.S. degree in geology. This course of study provides the fundamentals of earth science and supporting sciences necessary for successful graduate study or for employment as an entry level geologist. Students who wish to terminate their education at the bachelor's level may find employment with an oil or mining company, an environmental firm, or a government agency. Qualified students are directed toward further study in a graduate program. It should be noted that the master's degree is usually obtained by those people who desire to be professional geologists and that a strong background in supporting sciences is increasingly desirable. The B.A. degree in geology is designed for students desiring a firm foundation in geology and liberal arts. The major is excellent preparation for someone who is interested in the business aspects of the petroleum industry or environmental management and is good preparation for some specialties in law.

Major Requirements for the B.S. Degree

In addition to the courses meeting the requirements of the college, a candidate for the B.S. degree with a major in Geology must take:

1. Major coursework in Geology:
   Thirty-four credit hours in Geology including 101, 202, 301, 317, 321, 332W, 357S, 900
2. Supportive courses:
   a. MATH 201 to complete the B.S. math requirement
   b. CHEM 121/123 as the Natural Sciences Explorations course requirement
   c. Additional cognate science courses as follows (12 hours):
      1. PHYS 104/114
      2. 2 additional courses in Biology, Chemistry, or Physics including laboratory. Please note that most geology graduate programs will expect the student to present one year of chemistry and one year of physics. Programs in geophysics or paleontology may be more flexible.

Major Requirements for the B.A. Degree

In addition to the courses meeting the requirements of the college, a candidate for the B.A. degree with a major in Geology must take:

1. Major coursework in Geology:
   Thirty credit hours in Geology including 101, 202, 301, 317, 321, 332W, 357S, 900
2. Supportive coursework in cognate fields:
   a. CHEM 103/113 or CHEM 121/123 as the Natural Sciences Explorations course requirement
   b. It is recommended that the student complete the Symbolic Reasoning Explorations requirement with MATH 107 or higher because of the use of trigonometry in some 300-level courses.

Students completing the B.A. degree in Geology are strongly encouraged to complete a minor in another discipline.

Departmental Honors in Geology

Candidates for departmental honors must apply to the department Chairperson by the beginning of the second semester of the junior year. Honors candidates must complete GLG 497 in addition to the above listed requirements; the results of the research will also be presented before a colloquium of Geology faculty and students.

Minor Requirements

Students electing to minor in geology must take twenty (20) hours in geology including GLG 101. At least six (6) hours must be at the 300-level or higher. The program for the minor must be approved by an advisor in the department.

Certification to Teach

The Department of Education offers certification to teach Earth Science through a minor in Education. See the Education section of this catalogue.

Course Descriptions (GLG)

GLG 101 or permission of the instructor is required to enroll in all geology courses numbered 300 and above except for 317 and 442.

101. THE DYNAMIC EARTH....4
A study of the materials that make up the earth and the physical processes that are produce the earth's characteristic physical features, especially plate tectonics as a paradigm, rock forming processes, and the role these play in local geology. Laboratory work includes practical studies of minerals, rocks, and the interpretation of geologic phenomena from maps and other data. Offered every semester. (For transfer purposes considered equivalent to Physical Geology) NATURAL SCIENCES EXPLORATIONS

103. ATMOSPHERE, CLIMATE, AND THE EARTH'S SURFACE 4
A study of the physical environment at and near the earth's surface including the atmosphere, oceans, and landforms. The course emphasizes the relationships between processes and spatial distributions. Laboratory work includes practical studies of climatic data and weather maps, topographic maps and landforms, built around understanding our local watersheds. Fall. (For transfer purposes considered equivalent to Physical Geography) NATURAL SCIENCES EXPLORATIONS; SUSTAINABLE WORLD CHALLENGE

202. EARTH HISTORY....4
Prerequisite GEOL 101, 303, or permission of the instructor. The study of the history of the earth's crust, including an introduction to the history of life as shown by the fossil record. Laboratory includes practical studies of sedimentary rocks and there depositional environments, fossils, and the use of geologic maps to interpret the geologic history of North America. NATURAL SCIENCES EXPLORATION

208. INTRODUCTION TO OCEANOGRAPHY 4
Introduction to oceanography including study of the ocean's geological, physical, chemical, and biological processes, such as seafloor spreading, composition of seawater, currents, waves and tides, life in the sea, and ocean pollution and marine policy/management. NATURAL SCIENCES EXPLORATIONS; SUSTAINABLE WORLD CHALLENGE

290. INTERDISCIPLINARY STUDIES 4
This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics may vary from year to year. Course, but not individual topics, may be repeated for credit.

295, 296. SELECTED TOPICS 1-4
Prerequisite: Permission of Instructor. A detailed study of an area of geology not normally covered in regular geology courses at a second year level. The course may examine the connections between a field of geology and other disciplines, such as business or economics, or historical and geographical dimensions of resource use.

301. MINERALOGY 4
A study of the common minerals of the earth's crust, their physical properties and identification, and the environments in which they form. Laboratory work focuses on determinative mineralogy, optical properties of minerals, and the use of the petrographic microscope.

302. PETROLOGY....4
Prerequisite: GLG 301. A study of the character, occurrence, and genesis of igneous and metamorphic rocks. Laboratory work focuses on hand specimen and thin section description.

317. PRINCIPLES OF GIS....3
Corequisite: GLG 318. An introduction to the display and analysis of data using computer mapping software. Students will learn to use a standard GIS to examine problems such as location selection, demographic change, land use, and environmental planning. Spring of odd years.

318. GIS APPLICATIONS....1
Corequisite: GLG 317. An independent research project using GIS skills developed in GLG 317.

319. FIELD GEOLOGY 4-6
Prerequisites: GLG 101, 202, 301, 321, 322, or approval of instructor. A six-week course in field methods, geologic mapping, and preparation of geologic reports. The work will include preparation of geologic maps, cross-sections, columnar sections, and structural studies in an area encompassing igneous, sedimentary, and metamorphic rocks. Summers only. Recommended for all geology majors seeking a B.S. degree. **Note that the student enrolls in this course at an institution that offers a summer field camp and credit is transferred back to Centenary.**

321. SEDIMENTARY GEOLOGY 4
The study of sedimentary rock origins and classification; principles of sedimentology and stratigraphy applied to the interpretation of the sedimentary rock record. Laboratory work includes description of sedimentary rocks, section measurement in the field, use of field and subsurface data to develop maps, cross sections, and environmental interpretations.

332W. STRUCTURAL GEOLOGIC MAP INTERPRETATION....4
The description and occurrence of geologic structures. The laboratory activities involve 3-D and 4-D analysis of geologic maps; includes construction of cross sections and various types of subsurface maps.

357S. CURRENT TOPICS IN GEOLOGY 2
Prerequisite: Two 300-level geology courses. Corequisite: GLG 358. An introduction to the professional literature in the earth sciences. Students will present summaries of articles in both written and oral forms. Spring.

358. GEOLOGIC HISTORY OF NORTH AMERICA 2
Corequisite: GLG 357S. Application of geologic concepts to the interpretation of regional geology; content will develop the geologic evolution of North America and adjacent oceans.

395. SELECTED TOPICS..... 1-4
A detailed study of an area of geology not normally offered in the regular geology curriculum. This course may be repeated for credit for different topics.

396. ANALYTICAL TECHNIQUES IN GEOLOGY.....4
This course is to introduce the student to a wide variety of modern analytical techniques used in geological research. Emphasis will be placed on understanding the basic physical principles behind each technique and the type of information that can be acquired. The course will take advantage of the excellent equipment with the Geology Department.

400. INTERNSHIP IN GEOLOGY..... 1-3
Geology majors can earn credit for on-the-job training with approved environmental, geospatial, and energy-related companies. A student must complete 40 hours of work for each credit hour earned (up to a maximum of three credit hours). The student will submit a written report about the work to the department, and the supervisor of the work will provide an assessment.

415. APPLIED GEOPHYSICS.....4
Prerequisites: MATH 201 and PHYS 105. Application of principles of physics to ascertaining shapes and distribution of rock bodies in the earth's crust. Seismic, gravity, magnetic and electrical techniques will be studied through a combination of lecture and data set interpretation. Includes one regional interpretation exercise and development of a proposal for a local geophysical study.

491-496. INDEPENDENT STUDY..... 1-6
Prerequisite: Consent of instructor. In-depth studies of those aspects of geology not normally covered in existing courses. Offered on demand. 493-496 will satisfy college requirements for a "W" course.

497. SENIOR HONORS PROJECT.....4
Independent research and preparation of a paper addressing the context, methods, and results of the research. Research for this project will generally have been initiated during registration in GEOL 493.

900. SENIOR ASSESSMENT.....0
Geology majors must undergo an assessment prior to graduation. (CR/NC)

History and Political Science

Associate Professor Fulwider, *Chair* *Professors: Holoman, Shepherd*
Assistant Professors: Donahoe, Leeper *Professors Emeriti: Grunes, Hancock*

Centenary College offers a Bachelor of Arts in History and a Bachelor of Arts in Political Science, as well as minors in History and Political Science.

The courses offered by the Department of History and Political Science are designed to make an essential contribution to a liberal education by providing the general student with a comprehensive and integrated knowledge of history; to provide the training necessary for more advanced study in history and political science; and to provide the practical knowledge of historical and political developments which is an essential part of the preparation of those students expecting to enter the professions of law, government service, politics, education, and business.

History (HIST)

Major Requirements for the B.A. in History

A candidate for the B.A. in History must complete eleven courses (44 hours) total:

1. Nine courses (36 hours) in history are required, including at least 12 hours from 102,103, 205, and 206. Students must also complete Senior Seminar, HIST 473.
2. Of these thirty-six hours, sixteen must be in courses numbered 300 and above.
3. Two supportive courses (8 hours) in political science are required.

Minor Requirements

For a minor in History, students must complete twenty (20) hours of History courses which must meet the following requirements:

1. At least 8 hours of course work in HIST 102, 103, 205, 206.
2. At least 8 hours of courses numbered 300 or above.
3. The remaining 4 required hours can be completed with any additional history courses.

Departmental Honors

To be admitted to the Departmental Honors Program, a student must meet the general college requirements for honors programs. An honors student will follow a course of study consisting of a minimum of eight credit hours of independent study in addition to the Seminar in History or the Seminar in Political Science (depending on major). An honors student will complete a written and/or an oral presentation to demonstrate mastery of the discipline of history or the discipline of political science.

Course Descriptions (HIST)

102. WESTERN HERITAGE 1300-1789.....4
This course begins with the late medieval transition to the Reformation era. It then concentrates on the sixteenth and seventeenth centuries, which witnessed the division of the unified Western church into numerous denominations, wars of religion, rise of centralized monarchies, early expressions of religious toleration, and the age of reason. Europe's colonial and commercial expansion in this era led to global conflict, the development of capitalism, and the early phase of the industrial revolution. The course then views how the French Revolution brought down absolute monarchy. Fall. HUMANITIES EXPLORATIONS

103. WESTERN HERITAGE SINCE 1789.....4
The course begins with a survey of the era of the French Revolution and Napoleonic wars and moves to the Vienna settlement, which gave Europe a "generation of peace." The nineteenth century was the period during which western nations industrialized, competed for empire, and struggled internally with a rising middle class and then a rising working class. Western culture was shaken by interpretations of life and society inspired by the work of Karl Marx and Charles Darwin. In the last quarter of the century, Germany was becoming the powerful and aggressive nation which would disrupt the twentieth century. World War I, the Bolshevik revolution in Russia, western economic collapse, World War II, the introduction of nuclear power, the multiplication of communist governments, and superpower arms race are important themes of the twentieth century. Spring. HUMANITIES EXPLORATIONS

112. HISTORICAL PERSPECTIVES: MIDDLE EAST.....2
This course will primarily provide the necessary skills, background and preparation for participation in the Southwest Region University Model Arab League Conference. In preparing for the conference, students will also become familiar with the League of Arab States, its governing bodies, and its role in international affairs. Students will study the economics, politics, social policy, culture, and history of the country they

choose to represent at the conference, along with basic policies and politics of the other countries represented at the conference. In addition, students will learn valuable skills about negotiation and conflict resolution while using Parliamentary Procedure. (Same as PSC 112) Spring.

205. HISTORY OF THE U.S. TO 1877 4
A survey of the major developments in the history of the United States from colonial times to 1877. Yearly. HUMANITIES EXPLORATIONS

206. HISTORY OF THE U.S. FROM 1877 4
A survey of the major developments in the history of the United States from 1877 to present. Yearly. HUMANITIES EXPLORATIONS

207. HISTORY OF LOUISIANA 4
A survey of the history under France, Spain, and the United States. Alternate years.

302. ENVIRONMENTAL HISTORY OF THE UNITED STATES 4
This course explores how Americans have viewed and affected the natural and man-made environments of this country. Examining changes from the colonial period to the present, the course emphasizes the conservation and environmental movements of the twentieth-century. HUMANITIES EXPLORATIONS; SUSTAINABLE WORLD CHALLENGE

303. NINETEENTH-CENTURY EUROPE 4
Prerequisite: HIST 103 or consent of instructor. The 19th century was a pivotal time, as people first began to adopt many of the practices and attitudes that have since become "common sense." The course will draw students' attention to the trends and individuals responsible for creating aspects of the modern world. In line with the objectives for the humanity core courses, students will study the various intellectual, artistic, and cultural movements that responded to change and, in turn, helped to create further change. Fall of alternate years. HUMANITIES EXPLORATIONS

305. RENAISSANCE AND REFORMATION EUROPE 4
A study of the political, social, and cultural effects of the Medieval Church, the Italian Renaissance, the Protestant Reformation, and the Counter-Reformation, ending with the rise of Absolutism and its implications for Europe after 1650. Fall of alternate years. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

306. THE AGE OF ENLIGHTENMENT AND REVOLUTIONS 4
A study of the political, social, and cultural effects of the Wars of Religion, the Scientific Revolution, the Age of Absolutism, the Enlightenment, and the events leading to the French revolution in 1789. Spring of alternate years. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

308W. HISTORY OF BRITAIN AND EMPIRE 4
A general survey of the history of England and the British Empire to the present time. Alternate years.

312. TWENTIETH-CENTURY UNITED STATES 4
The social, economic, and political development of the United States in its role as major world power in the twentieth century. Spring of alternate years. HUMANITIES EXPLORATIONS

321,322W. AMERICAN SOCIAL AND INTELLECTUAL HISTORY 4,4
The evolution of American social institutions and cultural life from the colonial period to the present. The course will focus on the development of various types of American communities and will emphasize changes in American families, religious, and ethnic groups, business and educational organizations, and social structure. Fall of even years; spring of odd years. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

325. HISTORY OF THE ANTEBELLUM SOUTH 4
An examination of the South from colonial days through the Civil War with emphasis on the institution of slavery, agriculture, society, and the development of sectionalism. Fall of odd years.

326S. HISTORY OF THE MODERN SOUTH 4
A study of the South from Reconstruction to the present, with emphasis on politics, economics, culture, and race relations. Spring of even years.

333. TWENTIETH-CENTURY EUROPE 4
Prerequisite: HIST 103 or consent of the instructor. A study of the principal developments of the past century of European history. Themes include the Russian Revolution, the two world wars, the Cold War, the development of modernism and postmodernism, and Europe's relationship with the rest of the world. HUMANITIES EXPLORATIONS

340S. TERRORISM IN THE MODERN WEST 4
Prerequisites: HIST 102 or HIST 103. This course will take a chronological view of the history of terrorism in modern Europe, the Americas, and in areas affected by European decolonization beginning with the American War of Independence and ending with the recent attacks by terrorist groups in America and Europe. Various terrorist ideologies and concepts will be examined, including revolutionary terrorism, nationalism, anarchism, totalitarianism, and anti-globalization, through both primary and secondary sources, including films and novels. Students who successfully complete the course should gain a more nuanced understanding of the changing role of terrorism in the history of the modern world. Alternate years.

395,396. SELECTED TOPICS 4,4
Prerequisite: Consent of the instructor. A detailed study of areas of history not normally covered in regular history courses. On demand.

400. INTERNSHIP 1-4
Prerequisite: Junior standing and approval of departmental faculty. This course will consist of supervised internship with an approved employer and might include such professional projects as engaging in research and writing, creating historical bibliographies, and providing archival of museum services. On demand.

473. SEMINAR IN HISTORY 4
Prerequisite: Consent of the instructor. The study of historical and political issues and problems in a selected period of history. Members of the class will do extensive reading and research on various aspects of the period selected and will use the research methods best suited to the particular project. Yearly.

491-498. INDEPENDENT STUDY 1-8
Students taking History Honors will earn credit with Honors in this course through concentrated study of selected topics. Other students with particular historical interests which cannot be satisfied in regularly listed courses may register for directed study in areas such as Progressivism, Modern India, Society in the 1920's, American Foreign Policy, the Industrial Revolution in England, and others, subject to faculty approval. May be repeated for credit with different topics. Permission of the department is required. Yearly.

Political Science (PSC)

Major Requirements for the B.A. in Political Science

A candidate for the B.A. in Political Science must complete eleven courses (44 hours) total:

1. Nine courses (36 hours) in Political Science are required, including PSC 102, 110, 258, four courses (16 hours) at the 300-level or above, and PSC 473. Of the four courses (16 hours) at the 300-level or above, at least one course (4 hours) must be in the fields of American Government or Public Law, and one course (4 hours) in Comparative or International Politics.
2. Two supportive History courses (8 hours) are required.

Minor Requirements

For a minor in Political Science, a student must complete six courses (24 hours) total:

1. Six courses (24 hours) in Political Science including PSC 102, 110, and two courses (8 hours) at the 300-level or above.

Departmental Honors

A student may be admitted to the Department's Honors Program if he or she has attained junior standing and meets the other requirements. For details see above.

Course Descriptions (PSC)

102. AMERICAN POLITICS 4
An introductory course in American national politics. Attention given to the nature of politics, constitutional foundations; federalism; civil rights and liberties, Congress, the presidency, the Supreme Court, campaigns and elections, political parties, public opinion, and the role of the media and interest groups in politics. Fall. SOCIAL SCIENCES EXPLORATIONS

103. CONTEMPORARY ISSUES IN PUBLIC POLICY 4
An analysis of selected national issues in public policy; their origin, development, and impact. The class will emphasize the American policy-making process and how it applies to the selected issues. Topics may include education, health care, criminal justice, environmental protection, energy, welfare, economic policy, and foreign policy. Spring. SOCIAL SCIENCES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

110. INTRODUCTION TO COMPARATIVE POLITICS 4
An introduction to comparative political analysis with application of concepts and theories to selected democratic and authoritarian countries worldwide. Topics include formal institutional structures, representation and participation, public policy, political violence, ethnic politics, and political culture. Fall. SOCIAL SCIENCES EXPLORATIONS

111. GLOBAL POLITICS 4
An introduction to the political, economic, and security issues that have influenced the development of the international system since 1945. Emphasizes patterns of global conflict and cooperation, tools for understanding these interactions, and application of these tools to current global issues. Spring. SOCIAL SCIENCES EXPLORATIONS

112. HISTORICAL PERSPECTIVES: MIDDLE EAST 2
This course will primarily provide the necessary skills, background and preparation for participation in the Southwest Region University Model Arab League Conference. In preparing for the conference, students will also become familiar with the League of Arab States, its governing bodies, and its role in international affairs. Students will study the economics, politics, social policy, culture, and history of the country they

choose to represent at the conference, along with basic policies and politics of the other countries represented at the conference. In addition, students will learn valuable skills about negotiation and conflict resolution while using Parliamentary Procedure. (Same as HIST 112) Spring.

208. INTRODUCTION TO LAW 4
Corequisite: CA 250. An interdisciplinary examination of the nature and functions of law; feminist and critical race perspectives; the process of legal development; law enforcement; the roles of lawyers and juries; criminal and civil justice; court procedures; alternative conflict resolution, and law in cyberspace. Special attention given to the techniques of legal research and the use of legal data bases. This course satisfies the Career component of Trek. Fall of even years. HUMANITIES EXPLORATIONS

258. POLITICAL ANALYSIS 4
Prerequisite: PSC 102 or 110. An examination of the major analytical approaches used in the study of political behavior. Spring.

300. WASHINGTON SEMESTER PROGRAM
The description is listed under Enrichment Opportunities.

304. STATISTICS FOR BEHAVIORAL SCIENCES & LAB.....4
Prerequisite: MATH 104 or higher. Statistical analysis is a fundamental tool that scientists use to make sense of the world. In this course, students will learn to work with data, use it to make reasoned inferences, and communicate results in a professional style. The course will explore descriptive statistics, statistical inference, correlation and regression, t-tests, analysis of variance, chi-square, and nonparametric techniques. The laboratory will provide practical experience using computer applications to obtain statistics and report research findings. Fall and spring. (Same as PSC 304, SOC 304)

309. POLITICAL PHILOSOPHY 4
A topically-driven application of the major normative social and political theories. Possible topics include punishment, human rights, just wars, property, and immigration. Course, but not individual topics, may be repeated. (Same as PHIL 309) Fall.

312. FOREIGN POLICY AND WAR 4
Prerequisite: PSC 111 or instructor's permission. An analysis of the development and conduct of US national security policy, including the causes and consequences of war and patterns of American foreign policy. The course covers general explanations of international conflict, critical junctures in foreign policy decision making, and application of these to present-day national security challenges. Students will present concrete policy briefings and simulate international negotiation and conflict through the game Diplomacy. Fall of odd years. SOCIAL SCIENCES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

324S. INTERNATIONAL LAW AND JUSTICE.....4
Prerequisite: PSC 111 or instructor's permission. An introduction to the basic principles of public international law and the functions of international organizations such as the United Nations and the International Criminal Court. After an overview of the main areas and functions of international law, the course examines the possibilities, obstacles, and politics of international law by focusing intensively on international tools of human rights enforcement and transitional justice. Specific topics include transnational organizations, international NGOs, international criminal tribunals, truth commissions, universal jurisdiction, and state sovereignty. Spring of odd years.

325. EUROPEAN POLITICS 4
Prerequisite: PSC 110 or PSC 111 or instructor's permission. This class approaches European politics from two perspectives. First is the analysis and comparison of European political systems, patterns, and conflicts, such as parliamentary systems, political economy, varieties of democracy, citizenship, and immigration. Second is the European Union, including its supranational structures, political and economic consequences of the Euro, and tensions with member states. From these two perspectives the course investigates current issues such as immigration and migration, radicalism and violence, and prosperity and inequality. Fall of odd years. SOCIAL SCIENCES EXPLORATIONS

331. DEMOCRACY AND ETHNIC CONFLICT.....4
This course is an investigation of two of the most important sources of collective identity and conflict in the world today: nationalism and ethnicity. What is the connection between nationalism and democracy? What are nations and why can nationalism be a significant political problem, particularly for democracies? What are ethnic groups, what is ethnic conflict, and what causes it to become violent? Topics include theories of nationalism and ethnicity, links between nationalism, ethnicity, and democratic success, and political mechanisms for managing or resolving these conflicts. Examples come from Europe, India, Africa, and the Middle East. Fall of even years. SOCIAL SCIENCES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

335W. PRESIDENCY, CONGRESS, AND PUBLIC POLICY 4
An examination of the presidency and Congress within the American political system, the relationship between these two branches of government, and their respective roles in policymaking. Fall of even years. SOCIAL SCIENCES EXPLORATIONS

337. POLITICAL PARTIES AND LEGISLATIVE POLITICS.....4
This course focuses on Congressional politics and the role of political parties in policymaking and Congressional elections. Special attention is given to the origins and evolution of political parties, partisanship in elections, party leadership in Congress, and legislative coalition building. Fall of odd years.

352. RELIGION AND LAW....4
This course will examine the history of legal interpretation of the first two clauses of the Bill of Rights, with a focus on the problems of legally defining the term "religion." (Same as REL 352) SOCIAL SCIENCES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

355S. CONSTITUTIONAL LAW AND AMERICAN POLITICS....4
American constitutional principles are examined through an analysis of Supreme Court decisions. The focus will be on judicial decision-making in the areas of judicial review, the separation of powers, federalism, and the economic system. Fall of odd years.

356. THE POLITICS OF CONSTITUTIONAL RIGHTS AND LIBERTIES....4
The issues of American civil liberties and civil rights are examined within the framework of decisions of the Supreme Court. Attention given to the legal process as an instrument of social change in the areas of racial equality, women and the law, privacy, religious liberty, the rights of the accused, and freedom of expression. Spring of even years. SOCIAL SCIENCES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

395. SELECTED TOPICS....4,4
Prerequisite: Consent of the instructor. A detailed study of areas of political science not normally covered in regular courses. On demand.

400. INTERNSHIP IN POLITICAL SCIENCE....1-4
Designed to provide an opportunity for the student to expand his theoretical knowledge and practical application of administrative principles by first-hand experience in various public agencies. May be repeated once for credit. On demand.

473. SEMINAR IN POLITICAL SCIENCE....4
Prerequisite: Political science major or consent of department. The undertaking of an individual research project in which the student demonstrates their mastery of the discipline. Spring.

491-498. INDEPENDENT STUDY....1-8
Students taking Political Science Honors are required to earn credit for honors in the course through concentrated study of selected topics. Other students with particular interests outside the regular course offerings of the department may register for directed study with permission of the department. May be repeated for credit with different topics. On demand.

Legal Studies Minor (LST)

Assistant Professor Leeper, *Advisor*

Centenary College offers a minor in Legal Studies.

The legal studies minor is an inter-disciplinary course of study that allows students to examine the role and development of law from different perspectives within a liberal arts curriculum. Students will be exposed to a range of courses that will strengthen their critical thinking and communication skills, hone their ability to interpret and apply case law, and understand the role and effect of law within various societal contexts. The curriculum is designed to put the student in an optimal position to prepare for the LSAT and ease the transition into law school.

Minor Requirements

24 hours of coursework as follows:

1. Required Course (4 hours).
   - PSC 355S: Constitutional Law and American Politics
2. Rhetoric or Logic (4 hours).
   - PHIL 210: Symbolic Logic
   - ENGL/COMM 313W: Advanced Rhetoric (Prereq: TREK 115)
3. Legal Reasoning and Case Law (4-8 hours)
   - BUS 223: Commercial Law
   - PSC 324S: International Law/Justice (Prereq: PSC 111 or instructor's permission)
   - PSC/REL 352: Religion and Law
   - PSC 356: The Politics of Constitutional Rights and Liberties
4. Law and Social Sciences (8-12 hours) (may not take more than 2 courses with the same prefix)
   - ECON 211: Principles of Microeconomics
   - ECON 305: Energy Economics (Prereq: ECON 211 [Included in minor])
   - ECON 324W: Labor Economics (Prereq: ECON 211 [Included in minor])
   - ECON 340: International Economics (Prereq: ECON 211 and 212 [211 is included in minor])
   - HIST 312: Twentieth Century United States
   - HIST 321/322W: American Social and Intellectual History
   - PHIL 202: Ethics
   - PHIL/PSC 309: Social and Political Philosophy
   - PSC 335: Presidency, Congress, and Public Policy
   - PSC/RSC 395W: Native American Sovereignty
   - PSC 395S: The Politics of the U.S. Supreme Court
   - SOC 202: Sociology of the Family (Prereq: SOC 101, 112, or 202)
   - SOC 310S: Urban Sociology
   - SOC 317: Race and Ethnicity (Prereq: any introductory level sociology course)
   - SOC 354: Sex and Gender in Society (Prereq: SOC 101, 112, or 202)

Students may use up to eight hours credit from their majors toward the Legal Studies minor. Up to eight hours in coursework in any department may be added from outside this elective list, subject to approval by the Legal Studies advisor. Such additions may involve internships, community service, independent studies, or special topics courses with a strong emphasis on the law.

Course Descriptions (LST)

395. SPECIAL TOPICS IN LEGAL STUDIES..... 1-4

Prerequisite: permission of program advisor. This may include a course not on the elective list within a discipline that has a strong legal component, or, an inter-disciplinary course developed by faculty especially for legal studies. On demand.

491-494. INDEPENDENT STUDY IN LEGAL STUDIES

Prerequisite: permission of program advisor and submission of acceptable proposal. Guided independent research of an issue in legal studies. Written report or oral presentation will be required when appropriate. On demand.

Mathematics (MATH)

Professor Thomas, *Chair* *Associate Professor: Brandl*
Assistant Professor: Reid

Centenary College offers a Bachelor of Arts in Mathematics and a Bachelor of Science in Mathematics, as well as a minor in Mathematics. Students pursuing a Bachelor of Science in Mathematics must choose one of the following concentrations: Theoretical Mathematics or Computational Mathematics.

The Department of Mathematics aims to contribute to the student's liberal education by showing the role mathematics has played and is playing in the development of civilization and by giving him or her the opportunity to appreciate mathematics for its own esthetic qualities.

It aims particularly to give fundamental training to students in the natural sciences and engineering and also to those in the social and behavioral sciences. The mathematics curriculum is so planned that a student majoring in the field may choose any one of a number of avenues to follow after graduation, including the teaching profession, industry, computational mathematics, actuarial work, or a combination of mathematics with other scientific training, as well as graduate work in mathematics. A description of the minor in Computer Science follows the course listings below.

High school mathematics through trigonometry and advanced math is the recommended background for incoming freshmen although the admission requirement is lower.

Major Requirements

B.S. – Concentration in Theoretical Mathematics

Total of forty (40) credit hours in mathematics courses:

1. Twenty hours of foundational courses: MATH 201, 203, 204, 303, 306
2. At least four hours of advanced theoretical mathematics: MATH 403 or 407
3. At least four hours of advanced applied mathematics: MATH 404 or 405
4. Four hours of seminar: MATH 470 each semester of Junior and Senior years
5. The major field test in mathematics: MATH 900
6. At least 8 additional hours in mathematics number 200 or higher
7. CSC 207
8. Supportive courses: PHYS 104, 114, 105, 115

Total (with Supportive courses): 56 credit hours

B.S. – Concentration in Computational Mathematics

Total of forty-four (44) credit hours in mathematics and computer science

1. Sixteen hours of foundational mathematics courses: MATH 201, 204, 220, 303
2. Eight hours of foundational computer science courses: CSC 207, 234
3. Eight hours of mathematics and computer science that facilitate computations chosen from: MATH 203, MATH 305, MATH 310, MATH 311, CSC 277 (at least one course at the 300 level)
4. Eight hours in advanced computational applications chosen from: MATH 405, CSC 310, CSC 440, CSC 450
5. Four hours of seminar: MATH 470 each semester of Junior and Senior years
6. The major field test in mathematics: MATH 900
7. Supportive courses: PHIL 210, PHYS 104, 114, 105,115

Total (with Supportive courses): 64 credit hours

B.A. in Mathematics

Total of thirty-two (32) credit hours in mathematics courses:

1. Twenty hours of foundational courses: MATH 201, 203, 204, 303, 306
2. At least four hours of advanced mathematics chosen from: MATH 403, 404, 405, 407
3. Four hours of seminar: MATH 470 each semester of Junior and Senior years
4. The major field test in mathematics: MATH 900
5. At least 4 additional hours in mathematics numbered 200 or higher
6. CSC 207
7. Supportive courses: PHYS 104, 114, 105, 115

Total (with Supportive courses): 48 credit hours

Minor Requirements

A minor in mathematics will consist of 24 hours of course work: Math 115, 201, 203, 303 plus 8 hours of mathematics courses with 4 of those hours at the 300 level or above, and the other 4 at the 400 level.

Departmental Honors in Mathematics

Students may be admitted to the Honors Program of the Mathematics Department if they have attained junior standing and meet the other requirements. For details, consult the department Chairperson.

Certification to Teach

The Department of Education offers certification to teach Mathematics through a minor in Education. See the Education section of this catalogue.

Course Descriptions (MATH)

102. MATHEMATICS AND THE VISUAL ARTS....4
A study of the mathematical aspects of the visual arts organized around the concept of dimension. Topics of study will include pointillism, parametric curves, analytical geometry, fractal curves and dimension, tiling and symmetry, the mathematics of perspective, polyhedra, and artistic representations of the fourth dimension. Spring of even years. SYMBOLIC REASONING EXPLORATIONS

104. COLLEGE ALGEBRA....4
A study of elementary mathematical models using linear functions, exponential functions, and logarithms. Data analysis including the study of regression lines. (Students may not earn credit for MATH 104 after earning credit for MATH 107 or higher.) Offered each fall and alternate spring. SYMBOLIC REASONING EXPLORATIONS

107. PRECALCULUS: A STUDY OF FUNCTIONS....4
A unified study of elementary functions in preparation for Calculus. Algebraic, exponential, logarithmic, and trigonometric functions and their applications. (Students may not earn credit for MATH 107 after earning credit for MATH 109 or higher.) Offered each semester. SYMBOLIC REASONING EXPLORATIONS

109. CALCULUS FOR BUSINESS AND ECONOMICS....4
Prerequisite: MATH 107. (Students will not be allowed credit for both MATH 115 and MATH 109; further MATH 109 will not satisfy the prerequisite requirement for MATH 201.) An introduction to differential calculus; and application to business and economics. Spring. SYMBOLIC REASONING EXPLORATIONS

115. CALCULUS I....4
Functions: straight lines, exponential, logarithmic and trigonometric. Derivatives and their applications. Introduction to definite integrals. Offered each semester. (3-1) SYMBOLIC REASONING EXPLORATIONS

201. CALCULUS II....4
Prerequisite: MATH 115. Integrals, definite and indefinite. Applications of the integral. Sequences and infinite series. Introduction to differential equations. Spring. (3-1) SYMBOLIC REASONING EXPLORATIONS

203. LINEAR ALGEBRA....4
Prerequisite: MATH 201. Systems of linear equations, vector spaces, linear dependence, bases, dimensions, linear mappings, matrices, determinants, applications. Offered each fall.

204. TRANSITION TO ADVANCED CONCEPTS....4
Prerequisite or corequisite: MATH 201. An examination of the introductory concepts which pervade most upper level mathematics courses with an emphasis on proving techniques. Topics include logic and proving, sets, functions, cardinality and the properties of integers. Offered each spring.

220. THEORY OF COMPUTATION....4
Prerequisite: CSC 207. Two main questions arise with computational problem solving: can a problem be solved at all, and if so, how efficiently? Topics include computability and complexity theory as related to Turing machines, finite state automata, regular and context-free grammars, and the complexity classes of P and NP. Fall of odd years.

303. MULTIVARIABLE CALCULUS....4
Prerequisite: MATH 201. Three-dimensional analytic geometry. Calculus of several variables. Multiple integration. Line and surface integrals. Fall. (3-1)

304. FOUNDATIONS OF GEOMETRY....4
Prerequisite: Consent of the department. An advanced proof-based course covering the history and theory of Euclidean and Non-Euclidean Geometry. Topics may include: Axioms of Euclid and Hilbert, contributions of Pythagoras, Plato and Descartes, the parallel postulate, projective geometry, hyperbolic geometry. Fall of odd years.

305. MATHEMATICAL STATISTICS....4
Prerequisite: MATH 303. Probability, sample spaces. Mathematical models, testing hypotheses. Empirical and theoretical frequency functions. Correlation and regression. Testing goodness of fit. Offered in spring.

306. MODERN ALGEBRA....4
Prerequisites: MATH 203 and 204. A theoretical treatment of groups. Topics normally include: equivalence relations, permutations, symmetry groups, group homomorphisms and isomorphisms, Cayley's Theorem, cosets, Lagrange's Theorem, normal subgroups, factor groups and the isomorphism theorems. Additional topics may include group actions and an introduction to rings and fields. Fall of even years.

307. DIFFERENTIAL EQUATIONS 4
Prerequisite: MATH 303. Formulation of first and second order differential equations and interpretation of their solutions by qualitative, numerical, and analytical techniques, as well as their applications. Laplace transforms. Spring.

310. DISCRETE MATHEMATICS....4
Prerequisite: MATH 201. An introduction to the mathematics of discrete objects. Topics include: combinatorics, recurrence relations and the analysis of algorithms, and an introduction to graph theory. Spring of even years.

311. MATHEMATICAL MODELS 4
Prerequisite: MATH 303. Model Constructions and applications to the Social and Natural Sciences. Growth processes. Dimensional Analysis, linear optimization, stability, chains, networks. Spring of odd years.

395,396. SELECTED TOPICS 4,4
Prerequisite: Consent of the instructor. A study of an area of mathematics not normally covered in the regular mathematics courses. On demand.

398. COLLOQUIUM, OAK RIDGE SEMESTER 1
Prerequisites: Junior standing and admission by ACS Selection Committee. A program of speakers on a variety of scientific and social issues presented by staff at Oak Ridge National Laboratory under supervision of resident ACS faculty. (Same as CHEM 398, PHYS 398)

399. RESEARCH, OAK RIDGE SEMESTER.... 1-6
Prerequisites: Junior standing and admission to the program by the ACS Selection Committee. Research performed through participation in the ACS-Oak Ridge Semester Program under supervision of senior staff at Oak Ridge National Laboratory. (Same as PHYS 399)

400. INTERNSHIP IN MATHEMATICS 1-3
(For mathematics majors only—not included in the required nine courses for the major.) Credit is given for on-the-job training in certain vocational areas of mathematics.

403. TOPOLOGY....4
Prerequisite: MATH 204. A survey of fundamental properties of topological spaces with particular emphasis on the real number system. Connectedness, compactness, continuous mapping, homeomorphism, metric spaces. Spring of odd years.

404. VECTOR ANALYSIS 4
Prerequisite: MATH 303. A basic course in vectors. Topics included vector and scalar products, vector equations, and vector calculus. Applications from differential geometry and physics. Curvature, torsion, and Gaussian curvature. Fall of even years.

405. NUMERICAL ANALYSIS 4
Prerequisites: MATH 203, MATH 303, and CSC 207. Selected numerical methods dealing with the solution of algebraic and transcendental equations, finite differences and interpolation, integration, and differential equations. Fall of odd years.

407. INTRODUCTORY REAL VARIABLE THEORY....4
Prerequisite: MATH 204. A proof-based study of the foundations of calculus. Topics include: sequences – monotone, convergent and Cauchy; limits and continuity; the derivative of a function; the Mean Value Theorem; the Riemann integral and the Fundamental Theorem of Calculus. Spring of even years.

491-496. INDEPENDENT STUDY IN MATHEMATICS 1-6
(Open to advanced students in mathematics with departmental approval.) One hour conference per week. Library and research work pertinent to the area of study selected. A written thesis is required.

497. SELECTED TOPICS: ADVANCED MATHEMATICS SEMINAR....1
Students will give and attend mathematics presentations. Offered each semester.

900. MAJOR FIELD TEST 0
Mathematics majors in all concentrations must pass the major field test in mathematics prior to graduation.

Museum Management (MUSM)

Professor Nicoletti, *Advisor*

Centenary College offers students focused preparation in Museum Management.

Our Museum Management program prepares students for graduate programs in museum or arts administration, careers in archives, private galleries, or auction houses, and museum work ranging from exhibition design to education. Students enrolled in the program forge connections through hands-on internships at local museums, including the nationally accredited Meadows Museum of Art on our campus.

A student may major in any area and take the following courses:

- ART 201: Issues in Public Art and Architecture
- ART 306S: Modern and Contemporary Art
- COMM 216: Introduction to Professional Communication
- The combined equivalent of two years of study in foreign language(s).
- BUS 321W: Principles of Management
- MUSM 400: Museum Internship (an internship with the Meadows Museum or relevant collection)

Total: 7 courses – 23 hours minimum

A student may substitute up to 4 hours of Independent Study in any department, subject to the approval of the Museum Management advisor, for research and work on some aspect of museum studies or collections management.

Course Descriptions (MUSM)

400. MUSEUM INTERNSHIP..... 1-4

Optional corequisite: CA 250 and/or CO 151. Supervised internship with an approved employer in an appropriate professional area, such as museum work and arts administration. May be repeated for credit in another area. This course can satisfy the Career and/or Community component of Trek. Offered on demand.

Hurley School of Music

Assistant Professor Wikan, Acting Dean of the School of Music
Associate Professors: Smith
A.C. Cheesy Voran Chair of Music: Hobson
Professors Emeriti: Dean, English, Gabriel, Odom, W. Teague
Director Emeritus: Andress
Lecturers: Aiken, Allen, Brown, Crawford, A. Gabriel, Hopkins, S. Hundemer, T. Hundemer, Philley, Powers, Scarlato, C. Teague, Vaska-Haas, Watson, Wright, Zale-Bridges

Centenary College offers a Bachelors of Arts in Music and a minor in Music. Students majoring in Music may choose one of the following concentrations: Performance, Choral Music, Sacred Music, or Composition.

The mission of the Hurley School of Music is to provide the highest quality training and development of music students in the context of a liberal arts college. Embracing the college's liberal arts philosophy, the School of Music guides young musicians in either general studies in the B.A. in Music degree or more intensive programs of specialization through concentrations within the B.A. in Music degree. It provides opportunities for all segments of the college and the community to experience the art of music through class offerings, applied music study, ensemble participation and the presentation of concerts. The Hurley School of Music has been accredited by the National Association of Schools of Music since 1934.

Admission

In addition to meeting the admission requirements of Centenary College, students who wish to major in music must first pass an audition in their major performing medium to be admitted to the Hurley School of Music.

Transfer Students

Transfer students will be required to audition on their applied instrument or voice, and may also take placement examinations in music history and music theory to validate any transfer courses they have in those subjects.

REQUIREMENTS FOR ALL MUSIC MAJORS

Proficiencies

All music students are required to be proficient in performance, music history and literature, music theory, sight-reading, and piano. Performance juries every semester test students on sight-reading and the background of any pieces they have studied that semester. At the end of the fourth semester of study, all music majors will be tested in performance, sight-reading, and piano skills before a full faculty panel. This is the Sophomore Assessment. At the end of the degree program, seniors are tested again in music history and literature, music theory, sight-reading, and piano during Senior Seminar.

Ensembles

All full-time students pursuing a music degree must enroll in at least one ensemble for each semester in which they are at Centenary. Although the Hurley School of Music wishes to encourage enrollment in all of its music ensembles, students pursuing a music degree must enroll in particular ensembles, according to their primary applied area:

Keyboard majors must participate in Accompanying.
Instrumental majors must participate in Hurley Orchestra.
Voice majors must participate in a choral ensemble (MUS 153-154).

Students holding music scholarships are responsible for fulfilling ensemble requirements listed on their music scholarship contracts.

Recital Attendance and Participation

Music majors will enroll in MUS 001-002 each semester.

When enrolled in applied music lessons, music students are required to perform at least once each semester in the area of their major applied instrument at the weekly Student Recital Hour (MUS 001-002).

DEGREE PROGRAM

Bachelor of Arts in Music

All Bachelor of Arts in Music students will complete the music core curriculum and 8 hours of electives. Students wishing to pursue a concentration within the B.A. will substitute the elective courses that comprise a particular area of concentration.

Music Core Curriculum

001-002	Recital Hour	0
107-108	Voice Lab (if a voice student)	2
112-122	Music Theory	4
130-131	Piano Class	2
205	Music Technology I	2
211-221	Music Theory	4
312-322	Music Theory	4
345-346W	Music History	8
471	Senior Seminar	1
170-270	Applied Lessons in Piano, Organ, Voice, Orchestral Instruments, or Guitar	4
151-160	Ensembles (one credit "CR" each semester enrolled)	0

TOTAL 29 (31 if a voice student)

Ensemble courses may be taken for credit or non-credit; however, credit for ensembles does not count toward any major. Only 8 hours of activity courses may count toward the hours for graduation.

Students pursuing the general B.A. in Music will then complete 8 hours of electives in music courses:
Applied music electives will not count toward the eight hours. MUS 190, Centenary in Paris; and Mus 111, Introduction to Music Writing, will not count toward the eight hours. *At least 4 hours of elective credit must be from courses numbering 300 or above.*

Students pursuing a Concentration within the B.A. degree will instead pursue the following sequences of electives:

Concentration in Performance

Applied Lessons (380-480 series lessons)		4
481 Senior Recital		1
Electives:	449 or 335 Pedagogy; 401S Advanced Theoretical Concepts; 395-396 Special Topics; 491 Independent Study; 443S Music Literature, or 327-328, 428 Conducting	8

TOTAL OF 13

Students wishing to take the 180-280 series of applied lessons may request permission from the music faculty.

Concentration in Choral Music

101	Intro to Music Education	1
327-328, 428	Conducting	6
337S, 339S, 340	Music Methods	10

TOTAL OF 17

This concentration does not carry teacher certification. Upon completion of the B.A. in Music with a concentration in Choral Music, students will be encouraged to achieve certification in Centenary's MAT degree program.

Concentration in Sacred Music

360,460	Sacred Music	8
327-328	Conducting	4
Elective:	443S Music Literature, 428 Advanced Conducting, Applied Organ Lessons, 315-316 Service Playing, 395-396 Special Topics, or 400 Music Internship	2-4

TOTAL OF 14-16

Concentration in Composition

305S	Music Technology II	2
	Applied Lessons (380-480 series lessons)	4
481	Senior Recital	1
Electives:	8 hours from 401S Advanced Theoretical Concepts	8

TOTAL OF 15

Students wishing to take the 180-280 series of applied lessons may request permission from the music faculty.

Minor In Music

112/122	Music Theory	4
130	Piano Class	1
140	Applied Lessons	2
Music Electives,	one of which must be in music history or literature; 8 hours must be 300 level or above	12
	TOTAL OF 19	

Departmental Honors

To be considered for Departmental Honors in Music, students must meet the general College requirements for honors programs. In addition they must:

- Apply to the Chair of the department during their junior year.
- Be a music major.
- Hold a 3.5 grade point in the major (3.25 overall).
- Earn two credit hours in Music 491-496: Independent Study. Candidates for Honors will complete a substantial scholarly or artistic project. The results of the project must be either published or presented in a forum such as the Student Research Forum, a professional conference, or a colloquium of Music faculty and students. Artistic presentations must include committee-approved research on the works performed.

Music (MUS)

001-002. RECITAL AND CONCERT ATTENDANCE 0-0
All music majors are required to register for this course every semester in which they are enrolled at Centenary.

101. INTRODUCTION TO MUSIC EDUCATION 1
An introduction to the history of music education, problems, issues, methodologies, requirements and duties of the music teacher in today's public schools. The course will encompass observation of area music teachers at various age levels and instill in the students the importance of participation in the professional organization, MENC, through the development of an active student chapter. This course will include 4 hours of field-based experience. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

105. MUSICAL EXPLORATIONS 4
An exploration of a particular musical genre or subject; such as film music, musical theatre, spirituals and world music. The emphasis is on developing students' listening skills and knowledge of the musical elements that typify a particular genre. The course will help students connect the music to the history and culture that gave rise to it. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE. May be repeated for credit with a different topic.

107-108. VOICE LABORATORY 1-1
Survey of pronunciation of Italian, French, German, and English. International Phonetic Alphabet used. Required for all students whose primary instrument is voice as part of their applied studies.

109. BASIC PIANO 1
A study of keyboard geography and beginning technique at the piano. May be repeated for credit. HUMANITIES PERFORMANCE

111. INTRODUCTION TO MUSIC THEORY 4
Introduction to basic music theory concepts, taught through composition projects. Yearly. HUMANITIES PERFORMANCE

112/122. ELEMENTARY MUSIC THEORY AND LAB 3/1
An integrated study of music theory and keyboard skills. The class covers figured bass, harmonic analysis and four-part counterpoint. Computer software designed to aid in teaching and writing music will be explored. Includes laboratory experiences in solfege and ear training. Yearly.

130-131. PIANO CLASS 1-1
For music majors. This course will provide the student with mastery of basic functional piano skills including performance of simple repertoire, scales, triads, inversions, cadences, sight-reading, harmonization, and transposition. HUMANITIES PERFORMANCE

139-140. VOICE CLASS 1-1
Fundamentals of voice production. May be repeated for credit. HUMANITIES PERFORMANCE

143. MUSIC APPRECIATION 4
A general survey of the principal music styles and media. A study of musical elements, genres, forms, and styles. In addition to this study of the structural language of music, students will also explore how historical and social context influenced the musical expression of society. HUMANITIES EXPLORATIONS

190. CENTENARY IN PARIS: LISTENING IN PARIS 4
This course is a study of how audiences perceived and responded to musical performances in Paris during the century 1750-1850. Using several pivotal historical points as background, and concentrating on a few central musical examples, students will explore the experiences of audiences in Paris before, during and after the French Revolution. EXPANDING CIRCLE CHALLENGE

199. MODULE STUDIES.....4
Special topics offered during the Module.

205. MUSIC TECHNOLOGY I 2
Students will learn and practice basics of using a digital audio workstation, including recording, pitch correction, time and tempo manipulation, sound synthesis, editing, and microphone placement. Using software such as Pro Tools, Komplete 9, Ableton, and Melodyne, students will be able to create their own recorded projects, either original or cover work. May be repeated once for credit.

211/221. ADVANCED MUSIC THEORY AND LAB 3/1
Prerequisites: MUS 112/122. Introduction to advanced theory concepts, taught through composition projects . Includes laboratory experiences in solfege and ear training. Fall.

305. MUSIC TECHNOLOGY II.....2
Prerequisite: MUS 205 or permission of instructor. Students will explore more deeply the process of creating digital music. Some students may work with synchronizing music for original films in collaboration with Communications students. Others may synchronize video of live musical performances with sound. This is a project-based learning experience in which more advanced subtleties of editing, manipulation of sound, and adding effects to recordings will be explored. May be repeated once for credit.

312/322. FORM AND ANALYSIS AND LAB 3/1
Prerequisites: MUS 211/221. A study of musical form and new harmonic languages of the 20th and 21st centuries. Continued work with computers and appropriate programs. Includes laboratory experiences in solfege and ear training. Spring.

315-316. SERVICE PLAYING 2-2
Prerequisite: 200-level applied study or permission of instructor. The art of accompanying on the organ and the adapting of other scores to the organ. Develops fluency in improvisation at the organ by using basic keyboard skills, basic forms, and modulation. On demand.

327. FOUNDATIONS OF CONDUCTING.....2
Prerequisites: MUS 112/122 or permission of instructor. A study of the basic principles of conducting for choral or instrumental students . The course will cover the physical gesture, baton techniques and the language of the skill of conducting. This course will include 6 hours of field-based experience. Alternate years. Fall.

328. CHORAL CONDUCTING 2
Prerequisites: MUS 327. A study of the techniques of advanced choral conducting. The course will incorporate the study of choral tone and vocal pedagogy, stylistic analysis, score study, diction and rehearsal techniques. Continued refinement of the physical gesture in practical application of the rehearsal will be implemented. This course will include 6 hours of field-based experience. Alternate years. Spring.

335. KEYBOARD PEDAGOGY.....4
Prerequisite: permission of instructor. This course is an introduction to the art of piano teaching and includes a survey of current materials and methods used in teaching average-age and adult beginning piano students. The primary focus of the course is the supervised teaching of average-age beginning students in individual settings. Additional topics include the teaching of adult/hobby students, the study of learning and personality theories, and business practices as they pertain to individual piano instruction. On demand.

337S. ELEMENTARY SCHOOL MUSIC METHODS.....4
Prerequisites: MUS 101, or permission of instructor. A study of the methods, materials, and problems related specifically to teaching general music classes in the elementary level school (grades K-6). General music and vocal music will be emphasized, along with classroom instruments such as recorder, guitar, autoharp, Orff instruments and classroom percussion instruments. Included also is the study of the philosophy, psychology, history, and contemporary trends in music education. This course will include 13 hours of field-based experience. Alternate years. Fall.

339S. SECONDARY SCHOOL VOCAL MUSIC METHODS 4
Prerequisites: MUS 337S or permission of instructor. A study of the methods, materials, and problems related specifically to teaching vocal ensembles (small and large, beginning and advanced) at the secondary level, including grades 6-12. Part of the emphasis will be on developing evaluative techniques and ability to apply them in assessing both the music progress of students and the objectives and procedures of the curriculum. Additional emphasis is placed on secondary general and exploratory music classes. This course will include 13 hours of field-based experience. Alternate years. Spring.

340. SECONDARY SCHOOL INSTRUMENTAL MUSIC METHODS 2
A study of the methods, materials, and problems related specifically to teaching instrumental ensembles (small and large, beginning and advanced) at the secondary school level, including grades 6-12. Part of the emphasis will be on the development of improvisational skills for use in the music classroom. Additional attention will be given to areas of expertise needed to pass the praxis exam, i.e., band repertoire, instrumentation and transposition of instruments, modes and jazz scales. This course will include 6 hours of field-based experience. Alternate years.

345-346W. A HISTORY OF MUSICAL STYLE..... 4-4
Prerequisites: MUS 112/122 or permission of instructor. A study of the development of musical styles from late antiquity to the present with emphasis on the role of music in the context of Western history and culture. Includes study of non-Western music.

360. SACRED MUSIC I: LITURGICAL MUSIC AND HYMNOLOGY 4
History of the development of various liturgical forms, the Mass, the Judaic musical heritage, Anglican and Lutheran liturgies. Origins and uses of the great hymns, the ecclesiastical year and music appropriate to it; relationship of this music to that of the general culture. Alternate years. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

[1]CDS 381. HORROR MUSIC AND FILM: SOUNDS THAT TERRIFY 4
Music has the power to open a story and reveal its inner life in a way that could not have been as fully articulated in any other way. This course will introduce the student to the field of academic film music studies, specifically seeking to examine the effects of music and its ability to provoke or intensify fear within the genre of horror film. Music in horror film frequently makes its audience feel threatened and uncomfortable even in the absence of frightening images or ideas. Delving into such blockbusters like The Exorcist, The Shining, The Sixth Sense, and others, this course will allow students to see horror films with fresh eyes, gaining an appreciation for and understanding of how film music affects audiences the way it does. HUMANITIES EXPLORATIONS

[1]CDS 382. DISNEY'S MUSICAL WORLDS: A STUDY OF DISNEY FILM MUSIC 4
Songs written for Disney productions have become a potent part of American popular culture. Disney had a deep respect for the power of music in storytelling and it is not surprising that some of his initial animated efforts are told predominantly through song. This course explores the history behind the music of Disney films, as well as television productions and other entertainment projects – how songs were composed, why certain songs were created, the role that music played within the films, and a look at the people responsible for the classic words and music. Students will discover through their study of Disney music the capacity of music to be part of the storytelling, an emotional outgrowth and understanding of the characters' feelings allowing film audiences to feel with the characters instead of merely observing their story. HUMANITIES EXPLORATIONS

383W. CONTINUOUS FILM MUSIC: REMAKES, SEQUELS, AND THE HOLLYWOODIZATION OF FOREIGN FILMS 4
The growing academic field of film music studies provides a fascinating look at the powerful combination of music and the visual arts. A few aspects of film music that are underrepresented in academia are the development of music within a film series (often with multiple composers), the different emotional effects of new music in a movie remake, and the continuity or change in music from an original foreign film to its Hollywood version. Exploring these issues in films such as The Grudge, the Harry Potter Series, and Sabrina, this course will help students see musical connections through film series, remakes, and the transformation from foreign to Hollywood film music.

395,396. SELECTED TOPICS 4,4
An intensive study of an area not normally covered in the music curricula. Permission of instructor.

400. MUSIC INTERNSHIP 1-4
Supervised internship with an approved employer in the music profession. A proposal for the internship must be submitted to the Dean of the School of Music for approval by the music faculty. This submission must occur prior to the beginning of the semester in which the course will be taught. For each 40 hours of work, a student may receive one hour of course credit. May be repeated once for credit. On demand. CAREER TREK COMPONENT.

401S. ADVANCED THEORETICAL CONCEPTS 4
Prerequisites: MUS 312/322 or permission of instructor. Specialized studies in various facets of advanced music theory, including orchestration, counterpoint, and advanced analysis. May be repeated for credit with a different topic.

428. ADVANCED CONDUCTING 2
Prerequisite: MUS 327. Advanced training in conducting technique, rehearsal preparation, and score study. The course will incorporate analysis of large forms for chorus and orchestra. Class participants will be assigned podium time with a college ensemble or other designated ensemble at the discretion of the instructor. This course will include 6 hours of field-based experience. Alternate years. Fall.

443S. STUDIES IN MUSIC LITERATURE 4
Specialized studies in various genres of music literature, such as choral, keyboard, operatic, art song, musical theatre, and symphonic literature. Offered on demand. May be repeated for credit with a different topic. HUMANITIES EXPLORATIONS

449. VOCAL PEDAGOGY 4
Prerequisite: 200-level applied study, or permission of the instructor. A study of vocal production, with emphasis on preparation for the student to teach private voice lessons. Participants will be assigned a voice student during the semester, who they will teach under periodic supervision. On demand.

460. SACRED MUSIC II: CHURCH MUSIC MANAGEMENT 4
Designed to provide students with a working knowledge of Church Music Management as well as various issues ranging from Sacred Choral Literature, Public Worship (symbolism and space), Liturgical Practice, and Management. The class also includes practical application and observation of church music programs in the local area. Alternate years.

471. SENIOR SEMINAR 1
A supervised review of Music History, Music Theory, Keyboard Skills, and Sight Reading, concluding in a comprehensive exam.

[1]Courses designated "CDS" are Cross-Disciplinary courses that do not conform to a singular disciplinary description.

481. RECITAL **1**
Prerequisite: Permission of instructor. Preparation and performance of a public recital. May be repeated for credit.

491-496. INDEPENDENT STUDY IN MUSIC **1-6**
Prerequisite: Junior or senior status. Open to music majors with junior or senior standing. A special project in analysis, research, or an applied area will be designed by the student and a faculty advisor. This project will then be submitted to the music faculty for approval. Regular and periodical evaluation will be made by the supervising faculty member and the results of the independent study will be presented in the form of a paper, an original composition, or a public performance. May be repeated for credit. On demand.

APPLIED MUSIC: Private Instruction *(All students must pass a Sophomore Assessment before taking upper-level applied lessons).*

140. APPLIED MUSIC FOR NON-MUSIC MAJORS **1-1**
Half-hour lesson weekly with minimum of three and 1/2 hours practice a week. May be repeated for additional credit. HUMANITIES PERFORMANCE EXPLORATIONS

170, 270, 370,470. APPLIED MUSIC FOR B.A. IN MUSIC **1-1**
Half-hour lesson weekly with minimum of three and 1/2 hours practice a week. B.A. students must perform once each semester on student Recital Hour. May be repeated for additional credit. HUMANITIES PERFORMANCE EXPLORATIONS

180, 280, 380, 480. APPLIED MUSIC FOR CONCENTRATION IN PERFORMANCE OR COMPOSITION **1-1**
Hour lesson weekly with minimum of seven hours practice a week. Students must perform once each semester on student Recital Hour. Memorization of some literature on jury essential for performance concentration. May be repeated for additional credit. HUMANITIES PERFORMANCE EXPLORATIONS

ENSEMBLES: HUMANITIES PERFORMANCE

Ensemble courses may be taken for credit or non-credit; however, credit for ensembles does not count toward any major. Only 8 hours of activity courses may count toward the hours for graduation.

151. WIND ENSEMBLE **0-1**
Open to any wind players, both non-major and music majors. No audition required. The group performs one or two concerts each semester, in collaboration with local professional performers and educators.

153. CENTENARY CHOIR **0-1**
The Centenary Choir performs a wide variety of choral literature and makes many public performances. Non-music majors welcome. Audition required. HUMANITIES PERFORMANCE EXPLORATIONS

154. CAMERATA **0-1**
This group sings the great choral chamber literature from all periods of music history. Public concerts each semester. Non-music majors welcome. Audition required. HUMANITIES PERFORMANCE EXPLORATIONS

156. HURLEY ORCHESTRA **0-1**
School of Music instrumental ensemble which performs in collaboration with the Centenary Youth Orchestra in chamber music repertoire for strings, woodwinds and brass as well as larger orchestral music. Non-music majors welcome. Audition required. HUMANITIES PERFORMANCE EXPLORATIONS

157. SINGERS' PERFORMANCE WORKSHOP **0-1**
A performance experience which emphasizes training in stage movement and acting for singers. Literature may include opera, operetta, or musical theatre. Non-music majors welcome. Audition required. HUMANITIES PERFORMANCE EXPLORATIONS

158. COLLABORATIVE PIANO **0-1**
Prerequisites: MUS 111-112, or permission of instructor. The study of the art of vocal and instrumental collaboration. This class will also cover the fundamentals of advanced sight reading, harmonization, transposition, improvisation, score reading, figured bass, and ensemble playing. Non-music majors welcome. Audition required. HUMANITIES PERFORMANCE EXPLORATIONS

160. CHAMBER ENSEMBLES **0-1**
Small instrumental or vocal ensembles, such as percussion, brass, string, or improvisatory ensembles. Non-music majors welcome. Audition required. HUMANITIES PERFORMANCE EXPLORATIONS

Neuroscience (NEUR)

Assistant Professor: Richardson

Centenary College offers a Bachelor of Science in Neuroscience and a minor in Neuroscience

The rapidly growing field of neuroscience seeks to understand the nervous systems of human and nonhuman animals. It is a broad discipline that quite literally spans scientific specialties ranging in scope from molecule to mind. The field draws on the techniques and traditions of biology, chemistry, philosophy, psychology, and more recently, physics, mathematics and computer science. Neuroscientists study topics ranging from basic cellular processes in the brain, to identifying the causes of clinical brain/behavior disorders, to computational modeling of neural circuits and the quest for human consciousness. The neuroscience program at Centenary College has been designed to reflect this diverse scientific lineage. This approach provides students with a solid foundational knowledge while retaining the flexibility to pursue electives emphasizing their specific interests. Students who successfully complete the program will be well prepared for post-graduate study and/or an entry level position in a neuroscience-related field including biomedical research, pharmaceutical marketing or sales, as well as positions in local, state or federal health programs.

Major Requirements for the B.S. in Neuroscience

1. Major core courses (20 hours)
   - BIOL 101: Principles and Methods of Biology 4
   - BIOL 204: Cell Biology 4
   - NEUR 240: Introduction to Neuroscience 4
   - NEUR 410S: Advanced Neuroscience 4
   - NEUR 494: Independent Study 4

2. Three elective courses from the following (12 hours)
   Note: these courses may have prerequisites not listed here.
   - BIOL 202: Structure and Function of Organisms 4
   - PHIL 212: Bioethics 4
   - BIOL 290: Interdisciplinary Studies 4
   - BIOL 316: Molecular Genetics 4
   - NEUR 317: Sensation and Perception 4
   - BIOL 321: Biochemistry I 4
   - NEUR 325: Learning and Memory 4
   - PSY 362: Abnormal Psychology 4
   - NEUR 395: Special Topics 4
   - NEUR 396: Special Topics 4
   - BIOL 403: Animal Behavior 4
   - BIOL 405: Advanced Cell Biology 4
   - CHEM 402: Advanced Organic Chemistry 4

3. Supportive courses
   - CHEM 121/123: General Chemistry I
     as the Natural Sciences Explorations course requirement 4
   - CHEM 122/124: General Chemistry II 4
   - CHEM 201/211: Organic Chemistry I 4
   - CHEM 202/212: Organic Chemistry II 4

Minor Requirements for Neuroscience (20 hours)

- BIOL 101: Principles and Methods of Biology 4
- NEUR 240: Introduction to Neuroscience 4
- NEUR 410S: Advanced Neuroscience 4
- Two courses from those listed in the major electives of the B.S. program 8

Departmental Honors in Neuroscience

For a student to be considered for admission to the Honors Program in Neuroscience, he or she must meet the general College requirements for admission to such programs. In addition to the general requirements, a student must present the work from their independent study at the Centenary College Student Research Forum. In collaboration with the supervising faculty member, the

student must prepare a written summary of their project in the form of a Journal of Neuroscience article that will be archived by the Neuroscience Program.

Course Descriptions (NEUR)

210. BIOLOGICAL PSYCHOLOGY 4
This course explores the biological basis of behavior and mental processes with a concentration on brain structure and function. Topics will include brain anatomy and physiology, neural communication, drugs and addiction, sensation, sleep, emotion, sex, hunger and thirst, learning, language, memory, and psychopathology. Students will develop a robust understanding of how human thoughts and actions arise from the brain. Fall. (Same as BIOL 210, PSY 210)

240. INTRODUCTION TO NEUROSCIENCE 4
Prerequisite: BIOL 101 and BIOL 202 or BIOL 204. The fundamental principles and current problems of modern nervous system studies will be introduced. Topics include neural signaling, sensation, movement and the neural basis of cognition. The laboratory will reinforce lecture material and provide practical experience with both classical and modern methods in neuroscience. Spring. (Same as BIOL 240, PSY 240)

317. SENSATION AND PERCEPTION 4
Prerequisite: BIOL 202 or PSY/BIOL/NEUR 210. A focused study of the incredible ways that we navigate and process our world, including vision, audition, touch and haptic senses, gustation, and olfaction. We will trace our sensations from physical input to receptors to neural pathways. Then we will consider the perceptual mechanisms that help us make sense of that information and turn it into action. Fall of even years. (Same as BIOL 317, PSY 317)

319. PSYCHOPHARMACOLOGY 4
Prerequisites: BIOL 101, BIOL 202, or PSY 210. This course deals with the neurobiological, pharmacological, psychological, and social aspects of the use and abuse of legal and illegal drugs. (Same as BIOL 319, PSY 319)

325. LEARNING AND MEMORY 4
Prerequisite: BIOL 101, BIOL/NEUR/PSY 210 or PSY 230. This course provides an in-depth examination of learning (habituation, classical and operant conditioning, observational learning) and memory (declarative, nondeclarative, emotional, and working memory) and the cognitive and neural mechanisms responsible. (Same as BIOL 325, PSY 325) Fall of odd years. SOCIAL SCIENCES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

329W. BRAIN AND LANGUAGE 4
Prerequisite: PSY 101, PSY/BIOL/NEUR 210 or PSY 230. An in-depth examination of language as a complex human behavior and the neurological systems that support it. Topics will include language disorders, critical periods, lateralization, sign language, evolution of language, and the relationship of language and thought. (Same as BIOL 329W, PSY 329W) Spring of odd years.

395, 396. SELECTED TOPICS 4
Prerequisite: NEUR 240; other prerequisites depend upon topic. A detailed study of an area of neuroscience not covered in current offerings. Some topics offered are Neurological Diseases and Disorders, and Neuroethology. This course may be repeated for credit for different topics. On demand.

410S. ADVANCED NEUROSCIENCE 4
Prerequisite: NEUR 240. In-depth exploration of the issues surveyed in NEUR 240. The laboratory will help students conduct a research project in neuroscience. (Same as BIOL 410S, PSY 410S) Spring of odd years.

491-498. INDEPENDENT STUDY IN NEUROSCIENCE 1-8
Prerequisites: Twenty hours from courses listed in items 1-3 of the major requirements in neuroscience. Each candidate must submit a written proposal for approval in advance of his/her intention to register for this type of study. Research on a selected neuroscience topic. The results of the research will be presented orally at the Centenary College Student Research Forum or another approved public forum. On demand.

Philosophy (PHIL)

Associate Professor: Ciocchetti, *Chair*

Centenary College offers a Bachelor of Arts in Philosophy and a minor in Philosophy.

Since Socrates, philosophers have earned the reputation of questioning what is widely taken for granted in art, morality, politics, religion, and science. In fact, much of what we take for granted today has been influenced by the philosophical challenges of the past. It is because of philosophy's long intellectual history and profound contribution to human thought and society that it is one of the essential elements of the liberal arts curriculum.

The Philosophy Department brings the intellectual skills and rigor of this tradition to students through its introductory courses, history of philosophy courses, and courses specifically designed to address the philosophical dimensions of art, politics, religion, and science.

Major Requirements for a B.A. in Philosophy

At least eight courses totaling at least 30 hours including PHIL 202: Ethics; PHIL 301: Plato and Aristotle; and PHIL 302: The Enlightenment.

Students planning on attending graduate school in philosophy should visit the department's website centenary.edu/philosophy/gradschool.

Minor Requirements for Philosophy

At least five courses totaling at least 18 hours including PHIL 301: Plato and Aristotle and PHIL 302: The Enlightenment.

Departmental Honors in Philosophy

1. Admission to Departmental Honors program.
2. Graduation from Centenary with major in Philosophy.
3. A grade point average of at least 3.25 in both major and overall course work.
4. Completion of an independently researched Senior Honors thesis, presentation of the Senior Honors thesis at the Student Research Forum or other suitable venue, and an oral defense of thesis.

Course Descriptions (PHIL)

101. INTRODUCTION TO PHILOSOPHY 4
An introduction to philosophical method through problems selected from such areas as theory of knowledge and reality, art, ethics, religion, and science. Spring. HUMANITIES EXPLORATIONS

102. MORAL PROBLEMS 4
An introduction to moral philosophy through the study of contemporary moral problems. Students will apply moral theories to various problems such as those posed by poverty and wealth, sexual equality, affirmative action and hate speech, and abortion and animal rights. Students will learn to identify kinds of moral reasons in scholarly, legal and popular arguments, to compare and evaluate moral arguments, and to build consensus on moral issues. Fall. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

202. ETHICS 4
A critical examination of systematic accounts of our moral obligations, such as those offered by Kantian deontologists, Utilitarian consequentialists, and virtue ethicists. We will give special attention to how these theories address issues of poverty and wealth, our obligations towards near and distant others, and the moral significance of human fetuses and non-human animals. Spring of odd years. HUMANITIES EXPLORATIONS; SUSTAINABLE WORLD CHALLENGE

206. PHILOSOPHY OF SCIENCE 4
An examination of 1) the nature of science and scientific method, 2) the nature of scientific concepts, and 3) the nature of scientific change. On demand. HUMANITIES EXPLORATIONS

210. SYMBOLIC LOGIC 4
A computer assisted introduction to the basic formal principles and methods of symbolic logic and deductive inference. Fall of even years. SYMBOLIC REASONING EXPLORATIONS

212. BIOETHICS 4
This course introduces students to issues in bioethics. Students will acquire a basic understanding of relevant biology and ethical concerns. We will address issues surrounding the creation of life, killing, and the distribution of medical resources. In the end, students will have a deeper appreciation of bioethical issues and will be able to reason their way to a solution effectively and persuasively. Spring. (Same as BIOL 212) HUMANITIES EXPLORATIONS

290. INTERDISCIPLINARY STUDIES 4
This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. Course, but not

individual topics, may be repeated for credit. No more than one 290 course may be used to fulfill a core requirement. This course MAY satisfy the Career or Community component of Trek. Offered on demand.

292: HAITI 4

This course provides students with an intercultural experience in Haiti through readings, activities, and interactions with Haitians. Students will learn about Haitian culture and history, examine the relationship between Haiti and the United States, and develop an understanding of our moral and political obligations across international borders.

301. PLATO AND ARISTOTLE 4

Students will examine primary texts by Plato and Aristotle as well as the arguments of pre-Socratic philosophers, and Plato and Aristotle's followers. We will examine ancient answers to philosophical questions about the meaning of life, the nature of God, the universe and human beings, and the nature and limits of knowledge. In every case, we will consider these arguments as historical artifacts and evaluate them as positions we might adopt today. Fall. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

302. THE ENLIGHTENMENT 4

A critical study of primary philosophical tests of the enlightenment period in Europe. We will read texts by authors such as Descartes, Leibniz, Locke, Hume, and Kant. We will examine how ancient answers to philosophical questions were challenged by the scientific revolution. In every case, we will consider these arguments as historical artifacts and evaluate them as positions we might adopt today. Spring. HUMANITIES EXPLORATIONS

303S. PHILOSOPHY OF RELIGION 4

A study of philosophical issues raised by the contemporary dialogue between the living world religions. Topics include concepts of God, revelation, religious truth, problem of evil and theory of salvation. (Same as REL 303S) Spring. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

304. CHINESE PHILOSOPHY 4

A critical study of primary schools of thoughts in the Chinese philosophical tradition. We will read texts in Confucianism, Daoism, Mohism, and Legalism, including authors such as Confucius, Laozi, Zhuangzi, Mozi, and Han Feizi. Taking into account the political and social contexts, we will examine these thinkers' answers to philosophical questions about human nature, the foundation of morality, and the right way of living. In every case, we will consider these arguments as historical artifacts and evaluate them as positions we might adopt today. Spring of even years. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

309. SOCIAL AND POLITICAL PHILOSOPHY.....4

A topically-driven application of the major normative social and political theories. Possible topics include punishment, human rights, just wars, property, and immigration. Course, but not individual topics, may be repeated. (Same as PSC 309) Spring of even years. HUMANITIES EXPLORATIONS

311. MIND AND LANGUAGE.....4

An examination of the nature of language, the nature of mind, and the interconnection between them. We will study questions such as whether computers can think, the intentionality of thought and language, how to square subjective consciousness experiences with our best scientific theory, whether meaning depends on something objective, and if conceptual thought is prior to language. Fall of even years. HUMANITIES EXPLORATIONS

483. SEMINARS.....4

Prerequisite: Permission of instructor. Group study of historical topics or problems, as determined by student interest and need. Study based on student discussion and papers. Offered yearly, or upon demand.

491-496. INDEPENDENT STUDY.....1-6

Prerequisite: Permission of instructor. Independent research and writing on a problem of student's choosing with approval and under direction of instructor. Offered yearly, or upon demand.

Physics Minor (PHYS)

Associate Professor: Bieler
Professor Emeritus: Trahan
Assistant Professors: Cotton Kelly, Pokhrel
Cooperating Faculty: Ticich

Centenary College offers a minor in Physics.

The physics curriculum at Centenary provides learning opportunities for science and non-science majors. Those include introductory courses that provide students a foundation in classical and modern physics, and advanced senior level courses that offer the Physics minor an insight into the world of advanced physics. For more information, centenary.edu/physics

Minor Requirements

PHYS 104/114, 105/115, 404, 416, and one course from among the following: CHEM 351/353 or CHEM 352/354, or GEOL 405.

Course Descriptions (PHYS)

103/113. CONCEPTUAL PHYSICS/CONCEPTUAL PHYSICS LABORATORY 3/1
PHYS 103 and 113 are corequisites. A non-mathematical course for non-science majors that examines how physics laws account for the world around us, from everyday phenomena to the Cosmos. The laboratory work involves experiments in mechanics, fluid mechanics, heat, wave motion, light, sound, electric and magnetic fields, and electricity. NATURAL SCIENCES EXPLORATIONS

104/114. PHYSICS I/PHYSICS LABORATORY I 3/1
Prerequisite: MATH 115; PHYS 104 and 114 are corequisites A calculus-based introduction to classical and fluid mechanics. Topics include kinematics, Newton's laws of motion, linear and rotation dynamics of point masses and rigid bodies, fluid mechanical, and their application to other disciplines especially to biology. The laboratory work involves an introduction to laboratory techniques including experimental design, statistical data analysis, and reporting of results. Experiments are drawn from different areas of mechanics. Spring. NATURAL SCIENCES EXPLORATIONS

105/115. PHYSICS II/PHYSICS LABORATORY II 3/1
Prerequisite: PHYS 104/114; PHYS 105 and 115 are corequisites. A calculus based introduction to wave, acoustic, electromagnetic, and optical phenomena. Topics include wave phenomena, sound, electricity, magnetism, optics, and their application to other disciplines especially to biology. Experiments are drawn from areas of wave phenomena, sound, electricity, magnetism, and optics. Fall. NATURAL SCIENCES EXPLORATIONS

251. STATICS AND MECHANICS OF MATERIALS 4
This course includes topics, such as, bending, tension, compression, torsion, centroids, shearing stresses, modulus of elasticity and moments of inertia; laboratory activities will introduce various computer software analysis and graphing techniques relevant to the field, as well as, experimental applications of various topics covered in lecture.

304. MODERN PHYSICS IN BIOLOGY 4
Prerequisite: PHYS 105 and 115 or consent of instructor. This course introduces students to concepts of atomic, molecular, nuclear, and statistical physics with application to biology and medicine. These concepts are used to understand quantitatively photosynthetic energy harvesting, electron transport, thermoregulation, membrane potential generation and propagation, DNA and protein structure determination, protein dynamics and structural activation, biological and medical imaging, and interaction of nuclear radiation with biological tissues. The course includes a laboratory that introduces students to physical techniques used in modern biology and medicine. Experiments include molecular dynamics simulations, spectrophotometry, fluorescence spectroscopy, fluorescence microscopy, pulsed NMR spectroscopy and MRI, ultrasound imaging, computed tomography, and nuclear radiation detection. Spring.

404. ELECTROMAGNETISM AND ELECTRONICS 4
Prerequisites: PHYS 105/115 and MATH 201. An advanced treatment of electromagnetic theory and practice. Topics include: electrical fields, forces, and potentials; current, voltage, power, and electronic components and circuits; magnetic field and forces; electrical and magnetic materials; Maxwell's equations and electromagnetic waves. A significant portion of the course focuses on applications of electromagnetic phenomena to biology and chemistry that include discussion of ions in aqueous media, ion channel biology, membrane potentials, nerve impulse propagation, mass spectrometry, and semi-classical theory of pulsed NMR. The course includes a laboratory with activities that focus on breadboarding; use of test and measurement equipment; experimentation with resistors, capacitors, inductors, diodes, transistors, and integrated circuits, analysis of current, voltage, power, and electronic circuits; generation of magnetic fields and electromotive forces; NMR pulse sequence analysis. Fall of even years.

416. THERMAL AND STATISTICAL MECHANICS 4
Prerequisites: PHYS 105/115 and MATH 201. An advanced treatment of thermal and statistical physics theories. Topics include: three laws of thermodynamics, probability, energy, and entropy, equilibria, Boltzmann statistics, free energy, solvation, diffusion. A significant portion of the course focuses on applications to biology and chemistry that include discussion of protein folding, molecular motion, molecular interactions (e.g., oxygen and hemoglobin), polymers and ions in solution. Fall of odd years.

426. LIGHT AND OPTICS 4
Prerequisites: PHYS 105 and corequisite MATH 303. A general treatment of the principles of physical optics including theory of waves; interference, diffraction, polarization; Fourier optics; quantum aspects of lights; and applications to lasers and spectroscopy.

Psychology (PSY)

Associate Professor Hammond, *Chair*
Assistant Professor: Alexander, Zunick
Lecturer: Blancher, Fuller-Killgore
Professor Emerita: Gwin

Centenary College offers a Bachelor of Arts and a Bachelor of Science in Psychology and a minor in Psychology. Students pursuing a Bachelor of Science in Psychology must enter the 3-2 program in Speech-Language Pathology; upon completion, these students will receive a Master of Communication Disorders from Louisiana State University Health.

Psychology is the scientific study of thought, action, and emotion in humans and nonhuman animals. The Department offers a broad range of courses to encourage students to critically analyze why individuals think, act, and feel in the ways they do. A fundamental goal of the Department is to familiarize students with the various techniques used in contemporary social-science research; toward this aim, the Department offers laboratory resources to facilitate the generation of student-managed research projects. Students majoring in psychology often plan to pursue further education in graduate school in psychology or related disciplines, but others use this education as a springboard into medical school, law school, occupational-therapy school, physical-therapy school, or business.

Major Requirements for the B.A. in Psychology

A student must complete forty (40) hours in Psychology, including:

A) All of the following foundational content courses:
- PSY 210: Biological Psychology
- PSY 230: Cognition
- PSY 250: Human Growth and Development
- PSY 260: Social Psychology

B) All of the following skill courses:
- PSY 205: Introduction to Research Methods and Lab
- PSY 304: Statistics for the Behavioral Sciences
- PSY 473: Senior Seminar

C) One course from each of the following two (2) knowledge domains:

1) *Biological and Cognitive Processes (X10-X39)*
- PSY 317: Sensation and Perception
- PSY 319: Psychopharmacology
- PSY 325: Learning and Memory
- PSY 327: Psychology of Design
- PSY 329: Brain and Language
- PSY 410: Advanced Neuroscience

2) *Development and Social Processes (X40-X69)*
- PSY 348: Developmental Consequences of Chemical Exposure
- PSY 352: Language Development
- PSY 355: Prejudice and Stereotyping
- PSY 357: Attitudes and Persuasion
- PSY 359: Theories of Personality
- PSY 362: Abnormal Psychology
- PSY 363: Forensic Psychology
- PSY 364: Introduction to Psychological Testing
- PSY 369: Human Sexuality

D) 4 additional hours in psychology at the 300-level or higher

Students considering psychology for their vocation should be prepared to continue their education at the graduate level.

Minor Requirements

To minor in psychology, a student must complete twenty (20) hours in psychology which meet the following criteria:
- At least four (4) hours any level from courses in the Biological and Cognitive Processes (X10-X39) domain
- At least eight (8) hours any level from courses in Development and Social Processes (X40-X69) domain
- At least twelve (12) hours must be in courses above the 300 level

Major Requirements for Three-Two Program in Speech Language Pathology

In cooperation with the Speech-Language Pathology program at Louisiana State University Health Shreveport, Centenary College of Louisiana's Psychology program offers a 3-2 degree option. Students in this program complete a set of pre-specified courses focused on

liberal arts and psychology, must apply to and be accepted by the LSU Health Shreveport program, and complete two years of coursework and clinical work at LSU Health Shreveport. At the completion of the LSU Health Shreveport program, students receive a Bachelor's degree in Psychology from Centenary and a Master of Communication Disorders degree from Louisiana State University Health Shreveport.

A minimum of 36 credit hours must be earned in no fewer than five semesters at LSUHS. Should the student not complete the Masters of Communications Disorders program at LSU Health Shreveport, he or she may complete the B.A. degree in Psychology from Centenary College of Louisiana as long as all the standard graduation requirements are met. For details about this program, students should contact the Psychology Department Chair.

Departmental Honors in Psychology

Students may be admitted to the Department's Honors Program if they have attained junior standing and meet the other requirements. For details, consult the department website.

Course Descriptions (PSY)

101. INTRODUCTION TO PSYCHOLOGY.....4
Introduces the study of the actions, thoughts, and feelings of humans and non-human animals. Topics covered include the biological basis of mental processes and behavior, learning, memory, language, development, social factors, personality, and psychological disorders. Fall and alternate springs. SOCIAL SCIENCES EXPLORATIONS

205. INTRODUCTION TO RESEARCH METHODS AND LAB 4
Prerequisites: Psychology major or consent of instructor. This course explores the study of the scientific methods of psychology, including experimental and observational techniques through lecture and hands-on laboratory experiences. Topics include research ethics, problem identification and hypothesis formation, critical reading of peer-reviewed literature, research design, minor application of statistics, collection and interpretation of data, and research description. Spring.

210. BIOLOGICAL PSYCHOLOGY 4
This course explore the biological basis of behavior and mental processes with a concentration on brain structure and function. Topics will include brain anatomy and physiology, neural communication, drugs and addiction, sensation, sleep, emotion, sex, hunger and thirst, learning, language, memory, and psychopathology. Students will develop a robust understanding of how human thoughts and actions arise from the brain. (Same as BIOL 210, NEUR 210) Fall.

230. COGNITION.....4
An investigation of the science of the mind, including how we obtain and process information, retain it in memory, and use it to interact with the world. Topics will include the neural and cognitive bases of perception attention memory, categorization decision-making, and language. Spring. SOCIAL SCIENCES FOUNDATION

250. HUMAN GROWTH AND DEVELOPMENT.....4
Corequisite: CO 151. A study of the aspects of human behavior that change from conception through adulthood and the processes that account for these changes. A review of the major theories set forth to explain different aspects of human development is included. Students may, after the first day of class, drop the Community component of Trek. Fall and spring. SOCIAL SCIENCES EXPLORATIONS

260. SOCIAL PSYCHOLOGY 4
An introduction to the scientific study of social behavior of individuals and small groups. Topics include morality and helping behavior; conformity and obedience; cultural influences; group processes; attitude, stereotypes, and prejudice; bias in everyday judgements; and research ethics. Fall. (Same as SOC 260) SOCIAL SCIENCES FOUNDATION

290. INTERDISCIPLINARY STUDIES 4
This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. The course, but not individual topics, may be repeated for credit.

304. STATISTICS FOR THE BEHAVIORAL SCIENCES & LAB.....4
Prerequisite: MATH 104 or higher. Statistical analysis is a fundamental tool that scientists use to make sense of the world. In this course, students will learn to work with data, use it to make reasoned inferences, and communicate results in a professional style. The course will explore descriptive statistics, statistical inference, correlation and regression, t-tests, analysis of variance, chi-square, and nonparametric techniques. The laboratory will provide practical experience using computer applications to obtain statistics and report research findings. Fall and spring. (Same as PSC 304, SOC 304)

317. SENSATION AND PERCEPTION 4
Prerequisite: BIOL 202 or PSY/BIOL/NEUR 210. A focused study of the incredible ways that we navigate and process our world, including vision, audition, touch and haptic senses, gustation, and olfaction. We will trace our sensations from physical input to receptors to neural pathways. Then we will consider the perceptual mechanisms that help us make sense of that information and turn it into action. Fall of even years. (Same as BIOL 317, NEUR 317)

319. PSYCHOPHARMACOLOGY....4
Prerequisites: BIOL 101, BIOL 202, or PSY 210. This course deals with the neurobiological, pharmacological, psychological, and social aspects of the use and abuse of legal and illegal drugs. (Same as NEUR 319 and PSY 319)

325. LEARNING AND MEMORY....4
Prerequisite: BIOL 101, PSY/BIOL/NEUR 210, or PSY 230. This course provides an in-depth examination of learning (habituation, classical and operant conditioning, observational learning) and memory (declarative, nondeclarative, emotional, and working memory) and the cognitive and neural mechanisms responsible. (Same as BIOL 325, NEUR 325) Fall of odd years. SOCIAL SCIENCES FOUNDATION; MEANINGFUL LIFE CHALLENGE

327S. PSYCHOLOGY OF DESIGN....4
Prerequisite: PSY 101 or PSY 230 or consent of instructor. This course explores the design of everyday objects and systems from a psychological perspective. Ever wonder who decided what should be on the menu items of your computer software? Or why door handles look the way they do? Or who wrote the air bag warning in your car? Psychologists who study human factors (aka engineering psychology) consider the capabilities and limitations of the human mind and body in creating designs most easily used and understood by their human consumers. This course provides an introduction to this application of psychology through readings, lectures, discussion, and hands-on projects and exploration. Spring of odd years.

329W. BRAIN AND LANGUAGE....4
Prerequisite: PSY 101 or PSY 230. An in-depth examination of language as a complex human behavior and the neurological systems that support it. Topics will include language disorders, critical periods, lateralization, sign language, evolution of language, and the relationship of language and thought. (Same as BIOL 329W, NEUR 329W) Spring of odd years.

348. DEVELOPMENTAL CONSEQUENCES OF CHEMICAL EXPOSURE....4
This team-taught course will describe some of the chemicals that modern human activity has introduced into the human animal and the developmental consequences thereof. Students will explore these topics through assignments practicing both chemistry and human development. (Same as CHEM 348) On demand. SOCIAL SCIENCES EXPLORATIONS; SUSTAINABLE WORLD CHALLENGE

352W. LANGUAGE DEVELOPMENT....4
Prerequisite: PSY 230 and PSY 250. This course discusses the theories, research, and applications of the main ideas in the study of language development. It provides students with solid grounding in the psychological approach to language acquisition from birth through the school age years. Topics include the development of phonological, lexical, morphological, syntactic, and pragmatic abilities as well as exploration of bilingualism and language learning in school-age children. On demand. SOCIAL SCIENCES EXPLORATIONS

355W. PREJUDICE AND STEREOTYPING....4
This course covers the psychological processes involved in stereotyping, prejudice, and discrimination, with a focus on these issues as they relate to race and gender. Topics include the formation of stereotypes and prejudice, processes involved in their use, potential remedies, and the experiences of targets of stereotyping and prejudice, with an emphasis throughout on social psychological theory and empirical research findings. (Same as SOC 355W) Fall. SOCIAL SCIENCES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE.

357. ATTITUDES AND PERSUASION....4
Attitudes, also known as opinions, evaluations, and preferences, are one of the most important and far-reaching concepts in social psychology. This course will explore how attitudes form, what functions they serve, how they affect information processing and behavior, and how they change (or not) in response to persuasive messages. Spring of odd years. SOCIAL SCIENCES FOUNDATION

359. THEORIES OF PERSONALITY....4
Personality psychology uses the scientific method to understand differences between individuals' characteristic patterns of thought, emotion, and behavior. In other words, how do people differ from each other in the ways they habitually think, feel, and act? This course will provide a broad overview of current and historical ways of thinking about personality and review empirical support for each perspective. Spring of even years. SOCIAL SCIENCES FOUNDATION

362. ABNORMAL PSYCHOLOGY....4
Prerequisite: Any PSY course. A study of the major syndromes of behavioral disorders. Fall.

363. FORENSIC PSYCHOLOGY....4
Prerequisite: PSY 101, SOC 101, or consent of instructor. Examination of the legal system through the use of psychological concepts, methods, and research results. Topics include eyewitness testimony, jury selection, recovered memories, and insanity defenses. On demand.

364. INTRODUCTION TO PSYCHOLOGICAL TESTING....4
Prerequisite: PSY 205. A study of the theories and methods used by professional psychologists to measure various aspects of human behavior and capacity. On demand.

369. HUMAN SEXUALITY....4
Prerequisites: Junior or senior standing or consent of instructor. This course explores theories, research, and applications of topics in human sexuality across the lifespan including sexual orientation, gender, sexual dysfunction, interpersonal attraction, and sexual violence. Students

will be required to engage in open, frank, civil discourse and explore their own values on these topics. Spring of even years. SOCIAL SCIENCES FOUNDATION; EXPANDING CIRCLE CHALLENGE.

395,396. SELECTED TOPICS IN PSYCHOLOGY 4,4
Study of an area of psychology not covered in current offerings. No more than eight hours of Selected Topics will be counted toward the Psychology major. Offered as needed.

400. INTERNSHIP IN PSYCHOLOGY 4
Prerequisite: Junior or senior standing. Designed to complement the student's theoretical understanding of psychology by providing the student with practical experience in a public or private setting. May be repeated once for credit in another area. Consent of instructor necessary before registering.

408S. HISTORY AND SYSTEMS OF PSYCHOLOGY 4
Prerequisite: Any PSY course. An overview of past and current approaches to the study of psychology. On demand.

410S. ADVANCED NEUROSCIENCE 4
Prerequisites: NEUR 240. In-depth exploration of the issues surveyed in NEUR 240. The laboratory will help students conduct a research project in neuroscience. (Same as BIOL 410S, NEUR 410S) Spring of odd years.

473. SENIOR SEMINAR 4
Prerequisite PSY 205. Students exercise their abilities to integrate information from a wide range of sources. A summary oral presentation is required. Fall.

491-496. INDEPENDENT STUDY 1-6
Students may pursue independent study and/or research for directed study in areas not satisfied in the regularly listed courses. The course may be repeated for credit with different topics. Approval of the department required.

Religious Studies (REL)

Professor Otto, *Chair*
Professor Emeriti: Brayford

Centenary College offers a Bachelor of Arts in Religious Studies and a minor in Religious Studies.

The Religious Studies Department encourages students to examine how religious beliefs, practices, and values of contemporary and historical cultures shape and are shaped by societal factors, long-standing traditions, and distinctive forms of literary and artistic expression.

Major Requirements for the B.A. in Religious Studies

Students may complete a major in religious studies with at least nine courses (36 hours):

- Either Introduction to Hebrew Bible or Introduction to Early Christian Literature (REL 101 or 102)
- Introduction to Religious Studies (REL 111)
- Introduction to World Religions
- At least two courses from the 200+ level that focus on specific religious traditions
- Four additional courses from the 300-level or above
- Comprehensive Examinations (REL 900, 901)

Minor Requirements for Religious Studies

Students may elect a minor in religious studies with any five courses from the Department of Religious Studies, including Introduction to Religious Studies and at least two courses from the 300-level or above.

Departmental Honors

To be considered for Departmental Honors, students must fulfill the general College requirements for honors programs. In addition they must:

1. Apply to the Chair of the department during the junior year.
2. Be a Religious Studies major.
3. Be classified as a senior while participating in the Program.
4. Hold a GPA of 3.5 or better in major and 3.25 overall.
5. Complete three hours of Independent Study in Religious Studies.
6. Complete Senior Honors Thesis.
7. Pass oral defense of thesis with departmental faculty.
8. Present thesis at Student Research Forum.

Transfer Work

Students proposing to transfer lower-level religious studies courses to Centenary should consult with the department chairperson to determine if these courses have prepared them to enter upper-level course work in the department.

Course Descriptions (REL)

002. CHRISTIAN LEADERSHIP CENTER COLLOQUIUM 0
Prerequisite: Permission of CLC Director. Designed for Christian Leadership Center participants who do not require one hour credit. Integrates field placement experience with theological reflection and training in practical applications for ministry. Offered fall and spring.

101. INTRODUCTION TO HEBREW BIBLE 4
Students will examine the texts of the Hebrew Bible as the reflections made by the Israelite community about its relationship with God, its character as a chosen people, and its responsibilities in a pluralistic society. The class will use historical and literary methods to interpret the significance of the written texts. Fall. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

102. INTRODUCTION TO EARLY CHRISTIAN LITERATURE 4
Students will study early Christian literature to trace the development of the early church and its doctrines. Although primary attention will be given to the texts of the New Testament, non-canonical texts will also be examined. This course will use historical and literary methods to interpret written texts. Spring. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

111. INTRODUCTION TO RELIGIOUS STUDIES.....4
This course is designed to ask two major questions: What is religion? And how do we study it? We will look at multiple approaches to these questions from both classic and contemporary texts. Ultimately, we will assess the discipline of Religious Studies – What does Religious Studies do? Does Religious Studies matter? What are the effects of studying religion? Fall. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

151-152. INTRODUCTION BIBLICAL HEBREW..... 4-4
Taken together, these two courses give students the vocabulary to read aloud and translate any text in the Hebrew Bible, as well as the grammatical and syntactical skills necessary to translate any narrative text in the Hebrew Bible with the help of a lexicon. As such, students will be able to discover not only "what gets lost in translation," but also what gets added or changed in translation. On demand.

200. CHRISTIAN LEADERSHIP CENTER COLLOQUIUM 1
Designed for Christian Leadership Center participants only. Integrates field placement experience with theological reflection and training in practical applications for ministry. Offered each semester on a Pass/D/Fail basis only. May not be counted toward requirements for Religious Studies majors. Individual topic may not be repeated for credit. This course satisfies the Career component of Trek. This course satisfies the Community component of Trek.

204. INTRODUCTION TO WORLD RELIGIONS 4
This course is a critical, introductory survey of the world's major living religious traditions. Traditions examined include Hinduism, Jainism, Buddhism, Sikhism, Taoism, Confucianism, Shinto, Judaism, Christianity, Islam, Baha'i, and a selection of new and alternative religious movements. Students will investigate the belief structure, ritual system, sacred literature, social dimension, and historical development of each tradition. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

205. INTRODUCTION TO JUDAISM.....4
An introduction to the religion of Judaism, with emphasis on the notion of revelation through text and interpretation and with special concern for the ways in which rituals and daily practices link sacred history to the present. Spring of odd years. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

230. INTRODUCTION TO CHRISTIANITY 4
The historical development of Christian religious thought and practice from Jesus to the present. Emphasis is on the formation of Christianity's major teachings and their transformation and diverse expressions in the medieval, reformation and modern periods. Spring of even years. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

245. LIVED RELIGION IN COPENHAGEN.....4
This class will expose students to the variety of lived religious cultures in contemporary Copenhagen, immerse them in the historical background of that city, and explore pressing issues in the contemporary study of religion and society, particularly the notions of "secularism" and "fundamentalism."

260. INTRODUCTION TO BUDDHISM 4
An exploration of the variety of Buddhist practices, philosophies, metaphysics, and rituals from around the world and from the time of the Buddha to the present day. Spring of odd years. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

265. INTRODUCTION TO HINDUISM 4
An introductory survey of the Hindu tradition. The course follows the historical development of the tradition from pre-classical forms of Indian religion dating back some 4,000 years to modern revivals and reinventions of Hinduism in post-colonial India and cultures around the globe, especially North America. Fall of even years. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

270. RITUAL 4
An introduction to the various understanding, roles, cultural locations of and theoretical approaches to ritual, this course will proceed comparatively, through an array of case studies, in order to evaluate the myriad social functions of and metaphysical claims made about ritual.

280. INTRODUCTION TO ISLAM 4
Theological and cultural study of Islamic history and religious expression. Topics include the life of Muhammad, teachings of the Qur'an, Islamic sectarianism, religious law, ethics, ritual practices and the presence of Islam in the contemporary world. Spring of odd years. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

284. INTRODUCTION TO AFRICAN AMERICAN RELIGIONS 4
This course examines the history and culture of African American religious expressions. Students will examine the legacy of historical events such as the slave trade, emancipation, the Great Migration, the civil rights movement. Offered every other fall. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

290. INTERDISCIPLINARY STUDIES 4
This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. Course, but not individual topics, may be repeated for credit.

292. RELIGIONS OF NORTHERN INDIA.....4
Students will explore the major religious traditions of Northern India, with special attention granted to the traditions and teachings of Tibetan Buddhism. This immersive course offers both intercultural and service-learning credit.

303S. PHILOSOPHY OF RELIGION 4
A study of philosophical issues raised by the contemporary dialogue between the living world religions. Topics include concepts of God, revelation, religious truth, problem of evil, and theory of salvation. (Same as PHIL 303S) Spring. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

308. SOCIOLOGY OF RELIGION.....4
Prerequisite: SOC 101. An investigation of the contribution of religious symbolism and practice to social organization, socialization, stratification, and change. The course examines the application of social theory, especially organization studies, to understanding religion as a social institution, particularly in the U.S. (Same as SOC 308) On demand. SOCIAL SCIENCES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

315. RELIGION AND RACE.....4
This course is a critical examination of the ways religious communities invent and negotiate the concept of race. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

320. ANCIENT GREEK RELIGION 4
This course is an introduction to the world of thought and practice that contemporary scholars call ancient Greek religion. The main materials of the course are drawn from the ancient Greeks themselves – from poets, artists, playwrights, and mythographers. Emphasis will be placed on the myths and festivals that formed the fabric of ancient Greek religious practice and outlook. Ancient perspectives on cosmos (universe), polis (city and its society), psyche (self), and theos (gods) will be explored. Spring of odd years. HUMANITIES EXPLORATIONS

332. GENDER AND FAMILY IN EARLY CHRISTIANITY 4
A study of the Greco-Roman family life; early Christian moral teachings in the context of Jewish and Greco-Roman popular morality; the early Christian family with a focus on slaves and children, marriage and divorce; gender constructions of masculinity and homosexual behavior; and the position of women in the early church. Spring of even years. HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

352. RELIGION AND LAW.....4
This course will examine the history of legal interpretation of the first two clauses of the Bill of Rights, with a focus on the problems of legally defining the term "religion." (Same as PSC 352) HUMANITIES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

375. RELIGION AND THE BODY.....4
This class will examine concepts of the body and the bodily as these notions are created and navigated by religious communities. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

395S, W. SELECTED TOPICS IN RELIGIOUS STUDIES 4
A detailed study of an area in religion not normally covered or dealt with only in a partial manner in regular courses.

411W. PORTRAITS OF JESUS.....4
Prerequisite: REL 102 or consent of the instructor. Examination and analysis of the many different ways that Jesus has been portrayed in the Bible, in other literature, in music, and in film. Primary attention given to the significance of the different portrayals and the possible social and historical conditions that might have produced such different portraits. Fall of even years. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

415. WOMEN AND RELIGION 4
An examination of two interrelated issues, namely, the influences that religions have on women and the influences that women have on religions. Students will see expressions of these influences in women's art, women's writings, and women's actions in the world. Fall. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

420W. RELIGION IN THE SOUTH 4
This course explores the rich religious history of the American South. Topics of investigation include Southern evangelicalism, Southern Catholicism and Judaism, religious pluralism, African American religious experience, and denominational and sectarian movements of the last one hundred years. Fall of even years. HUMANITIES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

491-496. INDEPENDENT STUDY IN RELIGIOUS STUDIES 1-6
Open to junior and senior students with the consent of the instructor and the Chair of the department. Weekly conference with instructor. The major portion of the study is composed of library and research work. A written thesis is required. On demand.

900. COMPREHENSIVE EXAM ..... CR/NC
Prerequisite: Senior standing, Religious Studies major. The comprehensive exam offers students the opportunity to demonstrate a certain breadth and depth of knowledge: breadth in the selection of texts and depth in their ability to engage the texts critically and constructively. The focus is on the five lower-level courses (REL 101, 102, 111, 204 and one of the 200 Introduction courses).

901. COMPREHENSIVE EXAM..... CR/NC
Prerequisite: Senior standing, Religious Studies major. The comprehensive exam offers students the opportunity to demonstrate a certain breadth and depth of knowledge: breadth in the selection of texts and depth in their ability to engage the texts critically and constructively. The focus is on the four upper level Religious Studies courses (including REL/PHIL 303).

Christian Leadership Center (CLC)

Full-time Centenary students who are interested in exploring religious vocations, professional ministry or considering how their Christian faith impacts their vocation, regardless of major are invited to apply to the Christian Leadership Center.

Sociology (SOC)

Professor Demerath, *Chair* *Professor: Wolkomir*

Centenary College offers a Bachelor of Arts in Sociology and a minor in Sociology.

Sociology is the systematic study of human social behavior. Sociologists strive to understand how humans interact with one another to create the lasting cultures, institutions and organizations that link generations in civilization. In addition, sociologists devote serious attention to the manner in which cultures and social structures influence human interaction.

Students of sociology acquire facility in the development of social thought, methods of social research, and applications of sociological knowledge to solve social problems. Majoring in sociology prepares students for (1) competent research and study in graduate programs, (2) admission to graduate study in professional degree and certification programs, such as social work, law, counseling, clinical sociology, clinically-oriented styles of ministry, occupational therapy, law enforcement, and other service-oriented professions, (3) bachelor-level practice in a variety of socially-oriented helping professions including social work counseling, religious work, certain adjunct therapies and juvenile and adult corrections, and (4) skillful and innovative performance in private business enterprise and public service, particularly in market research and public opinion polling.

Students with at least a 3.0 cumulative GPA and 12 or more hours in sociology with a 3.0 GPA are eligible for membership in Eta Chapter, Alpha Kappa Delta International Sociology Honor Society.

Major Requirements

All candidates for the B.A. degree in Sociology must complete:

1. At least thirty two (32) credit hours in Sociology including 101, 404, 415, and an approved statistics course.
2. Twelve (12) of the minimum 32 hours in Sociology must be from courses numbered 300 or above.
3. One fall or spring term of Internship (120 hours) in a field setting.
4. All Sociology majors are required to take Senior Seminar.

Majors are encouraged to take Statistics and Research Methods prior to their senior year.

Minor Requirements

1. Sociology 101, 404.
2. Three (3) additional Sociology courses of the student's choice in consultation with the student's advisor.
3. Internship is not required of a minor but is recommended.

Departmental Honors

1. Sociology major
2. Senior standing
3. Two semesters of study and research
4. GPA of 3.5 or better in major and 3.25 overall

Students participating in the Honors Program will engage in extensive study in original research under the guidance of the Sociology faculty. An oral and written presentation of research findings will be required.

NOTE: Students registering for advanced courses in the department should present proof of adequate background in social science theory and practice appropriate to the level of the course. Students are not permitted to register for Sociology 493 before consulting the department.

Course Descriptions (SOC)

101. INTRODUCTORY SOCIOLOGY.....4
A general survey of the development of sociology as an explanatory discipline with emphasis on the progressive theoretical foundations of the discipline. Subjects such as the interactions between individuals and society, the nature of social groups, and patterns of organization are discussed in the context of increasing sophistication of theory and method. Yearly. SOCIAL SCIENCES EXPLORATIONS

112. SOCIAL PROBLEMS 4
Application of sociological theory and research to selected contemporary social problems. Emphasis is placed on the structural and interactional nature of social issues and personal troubles in an effort to define and interpret pertinent social problems. Yearly. SOCIAL SCIENCES EXPLORATIONS

202. SOCIOLOGY OF THE FAMILY.....4
A sociological analysis of marriage and family behavior within contemporary American society. A study of the interactional aspects of marriage and family with major emphasis upon the American middle-class. Yearly. SOCIAL SCIENCES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

231. INTRODUCTION TO SOCIAL WORK 4
A survey of casework, group work, community organization, social analysis, intervention, and priority care. Detailed attention will be given to ethics and decision-making in engineered micro-and macro-social change. On demand.

260. SOCIAL PSYCHOLOGY 4
An introduction to the scientific study of social behavior of individuals and small groups. Topics include morality and helping behavior; conformity and obedience; cultural influences; group processes; attitude, stereotypes, and prejudice; bias in everyday judgements; and research ethics. (Same as PSY 260) Fall. SOCIAL SCIENCES EXPLORATIONS

304. STATISTICS FOR BEHAVIORAL SCIENCES & LAB.....4
Prerequisite: MATH 104 or higher. Statistical analysis is a fundamental tool that scientists use to make sense of the world. In this course, students will learn to work with data, use it to make reasoned inferences, and communicate results in a professional style. The course will explore descriptive statistics, statistical inference, correlation and regression, t-tests, analysis of variance, chi-square, and nonparametric techniques. The laboratory will provide practical experience using computer applications to obtain statistics and report research findings. Fall and spring. (Same as PSC 304, PSY 304)

308. THE SOCIOLOGY OF RELIGION.....4
Prerequisite: SOC 101. An investigation of the contribution of religious symbolism and practice to social organization, socialization, stratification, and change. The course examines the application of social theory, especially organization studies, to understanding religion as a social institution, particularly in the U.S. (Same as REL 308) On demand. SOCIAL SCIENCES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

310S. URBAN SOCIOLOGY 4
Prerequisite: SOC 101. The study of how cities grow and vary in time and in different cultural contexts. An integration of materials from a variety of disciplines will be used to understand the phenomenon of cities. Every other fall. SOCIAL SCIENCES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

314. CRIMINOLOGY 4
Prerequisites: Introductory Sociology preferred, any introductory social science course acceptable. A study of crime and the criminal justice system. Emphasis is placed on criminology as an academic discipline, a sociological analysis of the criminal justice system, and adult crime. On demand.

315. JUVENILE DELINQUENCY.....4
Prerequisites: Introductory Sociology preferred, any introductory social science course acceptable. A study of the phenomenon of delinquency with an emphasis on the historical development of delinquency in the United States, theoretical explanations, social control theories, and the juvenile court system. On demand.

316. SOCIETY AND TECHNOLOGY.....4
Prerequisites: Any introductory level sociology course. A sociological exploration of the relationships between technology and social life. Among the specific technologies considered are: motor vehicles, clocks, the internet, and television. On demand. SOCIAL SCIENCES EXPLORATIONS; SUSTAINABLE WORLD CHALLENGE

317. RACE AND ETHNICITY 4
Prerequisites: Any introductory level sociology course. An exploration of how race and ethnicity are socially constructed, shaped by culture and social structures. Emphasis is placed on how racial and ethnic categories are consequential for all individuals, regardless of racial or ethnic identity. Every other fall term. SOCIAL SCIENCES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

354. SEX AND GENDER IN SOCIETY 4
Prerequisite: SOC 101/112 or SOC 202. A sociological exploration of the importance of sex and gender in social life. Topics include the social construction of gender, inequality and discrimination, masculinity and feminity, gendered styles of interaction, and traditional role expectations versus changing roles. On demand. SOCIAL SCIENCES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

355W. PREJUDICE AND STEREOTYPING 4
This course covers the psychological processes involved in stereotyping, prejudice, and discrimination, with a focus on these issues as they relate to race and gender. Topics include the formation of stereotypes and prejudice, processes involved in their use, potential remedies, and the experiences of targets of stereotyping and prejudice, with an emphasis throughout on social psychological theory and empirical research findings. (Same as PSY 355W) Fall. EXPANDING CIRCLE CHALLENGE.

364. COMPARING CULTURES 4
Prerequisites: SOC 101 or SOC 112. Compares cultures around the world, industrialized and non-industrialized, including hunter-gatherer cultures, and the culture of the American South. Comparisons are made to illustrate cultural variation on phenomena such as time, relationships, property, justice, deviance, and individual autonomy. On demand. SOCIAL SCIENCES EXPLORATIONS; EXPANDING CIRCLE CHALLENGE

395,396. SELECTED TOPICS IN SOCIOLOGY 4
Prerequisites: At least 6 hours in Sociology. A detailed study of specialized topics in sociology not normally covered in regular sociology, social work, and anthropology courses. On demand.

400. INTERNSHIP 4
Students will be placed in a service agency for one fall or spring term for a minimum of 3 hours a week. Conferences with faculty will be at least 1 hour every two weeks. Students will be required to write a paper outlining the goals of the agency, an evaluation of how well the goals are being met, and their interpretation of their overall experience. May be repeated for credit. This course satisfies the Career component of Trek.

404S. SOCIOLOGICAL THEORY 4
Prerequisites: At least 6 hours in sociology, junior or senior standing recommended; or by permission of instructor. A survey of classical and contemporary theory in sociology. Among the perspectives addressed: functionalist, conflict, interactionist, feminist, and postmodernist. Primary sources are used. Yearly. SOCIAL SCIENCES EXPLORATIONS; MEANINGFUL LIFE CHALLENGE

415W. METHODS IN SOCIAL RESEARCH 4
Prerequisite: At least 6 hours in Sociology and an approved Statistics course. An examination of the interrelationship of theory, methodology and sociological research techniques. Yearly.

473. SENIOR SEMINAR 4
Prerequisite: permission of the instructor. An in depth review of the major areas within the discipline of Sociology with emphasis placed on theory and research. Yearly.

491-496. INDEPENDENT STUDY 1-6
Prerequisites: Permission of the department, submission of acceptable proposal, selection of advisor. Advanced library or original research in a well-defined topic of the students' choice, forming a logical part of their academic curriculum. On demand.

Theatre

Professor Hooper, *Chair*
Assistant Professor: Sledge
Lecturer: Glorioso

Professor Emeriti: Buseick, Folmer
Playwright-in-Residence: Kallenberg

Centenary College offers a Bachelor of Arts in Theatre and a minor in Theatre.

The Theatre Department is a student centered program of study focusing on training that will allow a successful graduate to pursue either an advanced degree and/or a career in the profession. Students are offered opportunities at all levels of production which allows for direct application of classroom study.

The Theatre Department provides cultural enrichment for the College and the community through regular performances and events. Mainstage production participation is limited to current Centenary College of Louisiana students. Exceptions are made for occasional guest artists.

Major Requirements

1. Required for all theatre majors:
   - THEA 112: Analysis and Criticism 4
   - THEA 203: Acting I: Stage Movement 2
   - THEA 205: Stagecraft 4
   - THEA 307: History of the Theatre 4
   - THEA 360: Production I 4
   - THEA 363: Production II 4

   TOTAL 22
2. Choose eight hours from the following:
   - THEA 102: Voice for the Stage 2
   - THEA 103: Voice for the Stage 2
   - DANC 101: Beginning Techniques of Dance 2
   - DANC 201: Intermediate Techniques of Dance 2
   - THEA 204: Acting II: Improvisation 2
   - THEA 208: AutoCAD 4
   - THEA 211: Scriptwriting I 4
   - THEA 290: Interdisciplinary Studies 4
   - THEA 303: Acting III 2
   - THEA 305: Acting IV 2
   - THEA 308: History of the Theatre 4
   - THEA 311: Advanced Scriptwriting 4
3. THEA 471: Senior Seminar in Theatre 1

   TOTAL 31

Theatre Minor Requirements

- General Theatre: THEA 111, 204, 205, 307 or 308, 360, 363.
- Technical/Design Emphasis: THEA 111, 205, 208, (360, 363 or 460, 463).
- Directing Emphasis: THEA 111, 203, 205, 360, 363, 460.
- Acting Emphasis: THEA 102, 103, 111, 203, 204, 360, 363.

Theatre (THEA)

100. THEATRE LABORATORY 0

Theatre Laboratory is practical experience related to departmental productions. This Laboratory will involve all aspects of technical theatre as well as publicity and front of house training. Offered fall and spring and/or immersive term.

102-103. VOICE FOR THE STAGE 2-2

To be taken in sequence. An intensive year-long study of voice and speech embracing the study of sound production, breathing, projection, and the beginnings of their application to scene work. Offered fall and spring and/or immersive term.

111. ORIENTATION TO THE THEATRE....4
A hands-on approach to studying and performing theatrical text with an emphasis in contemporary theatre, script analysis, monologues, Shakespeare, and improvisation exercises. Fall term or immersive term. HUMANITIES EXPLORATIONS

112. ANALYSIS AND CRITICISM....4
Corequisite: THEA 100. An introductory study of form and technique of dramatic literature. Spring term or immersive term. HUMANITIES EXPLORATIONS

190. SPECIAL TOPICS: FIRST YEAR SEMINAR....2-4
This course is designed to facilitate the introduction of students to the unique Centenary experience. Topics may vary from year to year. Course, but not individual topics, may be repeated for credit. (Explorations and/or Challenge credit available as approved. No more than 4 hours may be used to fulfill Explorations or Challenge requirement.) On demand.

203. ACTING I: MOVEMENT FOR THE ACTOR....2
Corequisite: THEA 100. An application and exploration of physical training using innovative principles in acting movement. Alternate years.

204. ACTING II: IMPROVISATION FOR THE ACTOR....2
Corequisite: THEA 100. Prerequisite: 203. Foundations of improvisation both as a training tool and an art form in itself. Students will investigate the techniques of improvisation masters and specific ensembles. Spring.

205. STAGECRAFT....4
Corequisite: THEA 100. A course in applied arts in staging, lighting, costuming, and scenery. Fall.

208. AUTOCAD....4
A detailed study of drafting techniques through projects using the AutoCAD platform. Project emphasis will be placed on developing sustainable structures and techniques. Spring term or immersive term. HUMANITIES EXPLORATIONS

211. SCRIPTWRITING I....4
This course is primarily a writing workshop in which students are introduced to writing for film, television, and the stage. Emphasis is on creating believable settings, fluid dialog, memorable characters, and strong storylines. Students will produce 4-5 short scripts (4-8 pages) to be critiqued in class as well as analyze scripts by such writers as Thornton Wilder, Eugene Ionesco, and Quentin Tarantino. For a final project each student must submit 24-28 pages of edited writing. Fall and spring semester except fall of odd years when Advanced Scriptwriting is taught. (Same as COMM 211, ENGL 211).

290. INTERDISCIPLINARY STUDIES....4
This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. Course, but not individual topics, may be repeated for credit. No more than one 290 course may be used to fulfill a core requirement. 4 year cycle.

303. ACTING III: CONTEMPORARY SCENE STUDIES....2
Corequisite: THEA 100. Students will develop techniques necessary for an actor to create a living, breathing character through the process of in-class exercises and partner scene work from the canon of contemporary theatrical literature using both historical and contemporary methodologies. Fall.

307. HISTORY OF THE THEATRE I....4
The development of the theatre from its beginning to 1800, including highlights of great dramatists and their works, and of production. Fall term or immersive term. HUMANITIES EXPLORATIONS

308. HISTORY OF THE THEATRE II....4
The development of the theatre from 1800 to the present, including highlights of great dramatists and their works, and of production. Spring term or immersive term. HUMANITIES EXPLORATIONS

311S. ADVANCED SCRIPTWRITING....4
This course continues and intensifies the writing workshop emphasis of COMM/ENGL 211 but with an added emphasis on the critical analysis of exemplary scriptwriting by such writers as Tennessee Williams, Arthur Miller, and David Mamet. Students will also produce four-five (7-12 page) scripts to be critiqued in class, culminating in a final portfolio in which each student will submit 45-60 pages of edited writing, which includes a 24-28 page script suitable for one of the following: a one-act play, a half-hour television program, or a 30 minute short film. (Same as COMM 311S, THEA 311S) Fall of odd years.

360. PRODUCTION I....4
Corequisite: THEA 100. Junior Standing. Like minded students dedicated to creating and realizing one act productions and/or short films. Students will be responsible for creation, development, and execution of all elements pertaining to fully realized productions and films including marketing, directing, acting, designs, and design execution. Team Taught. Fall.

363. PRODUCTION II....4
Corequisite: THEA 100. Prerequisite: THEA 360. Junior Standing. A continuation of like minded students dedicated to creating one act productions and/or short films. Students will be responsible for creation, development, and execution of all elements pertaining to fully realized productions and films including marketing, directing, acting, designs, and design execution. Team Taught. Spring.

405. ACTING IV: CLASSICAL AND HEIGHTENED TEXT 2
Corequisite: THEA 100. Prerequisite: THEA 303. Students will focus on linguistic structure of heightened and classical text and how it reflects, reveals, and expresses the emotional life of the character. Students will examine Shakespeare, Greek, Restoration, Jacobean, Carolinian, Victorian, Comedy of Manners, and more. Spring.

444. THE BUSINESS OF SHOW BUSINESS 4
Seminar in theatre, film, and television, including entertainment unions, venues, traditions, taxes, business expectations, and identifying production companies including but not limited to LORT. Students study and produce resumes, headshots, and portfolios as well as develop information packets and job source materials. CA Credit. Alternate years or immersive term.

460. PRODUCTION III 4
Corequisite: THEA 100. Senior Standing. Like minded students dedicated to creating a main stage production and/or full length film. Senior students will be responsible for creation, development, and execution of all elements pertaining to a fully realized production or film including marketing, directing, acting, designs, and design execution. Team Taught. Fall.

463. PRODUCTION IV 4
Corequisite: THEA 100. Prerequisite THEA 460. Senior Standing. A continuation of like minded students dedicated to creating a main stage production and/or full length film. Senior students will be responsible for creation, development, and execution of all elements pertaining to a fully realized production or film including marketing, directing, acting, designs, and design execution. Team taught. Spring or May immersive term.

471-474. SENIOR SEMINAR IN THEATRE 1-4
A specially designed project course to assure senior competency in a student's major discipline.

483. SEMINAR IN THEATRE 4
Prerequisite: Consent of instructor. Advanced courses arranged for the individual major's requirements.

Dance (DANC)

101. BEGINNING TECHNIQUES OF DANCE 2
The course examines dance techniques at the beginning level for Jazz, Modern, and Ballet as they relate to theatrical performance. Fall. HUMANITIES PERFORMANCE

123-124. TAP (BEGINNING) 1-1
Basic tap technique and vocabulary.

130. DANCE ENSEMBLE 1
Dance production course focusing on all aspects of concert dance performance with the opportunity to perform and choreograph in a variety of styles and techniques. Work in the course will result in public performances on and off campus as Escaped Images Dance Company. Audition required. (Approved as an activities course that can be repeated for credit).

201. INTERMEDIATE TECHNIQUES OF DANCE 2
Prerequisite: DANC 101. The course examines dance techniques at the intermediate level for Jazz, Modern, and Ballet as they relate to theatrical performance. Spring. HUMANITIES PERFORMANCE

243-244. TAP (INTERMEDIATE) 2-2
Concentration on riffs, pull-backs, wings, turns, and other specific advanced movements. (Permission of instructor required.)

301. ADVANCED TECHNIQUES OF DANCE 2
Prerequisite: DANC 101, 201. This course examines dance techniques at the advanced level for Jazz, Modern, and Ballet. Alternate years, fall. HUMANITIES PERFORMANCE

327S. DANCE HISTORY I 4
The development of Western theatrical dance from its beginning in the renaissance courts of Italy up to the 21st century. Concentration on classical ballet and modern dance.

328W. DANCE HISTORY II 4
The history and development of tap, jazz, and musical theatre dance from the late 18th century to the present.

363-364. TAP (ADVANCED) 2-2
Exploration of various styles of tap such as soft shoe, ballet-tap, and buck-and-wing, with concentration on performance aspects and choreographic uses. (Permission of instructor required.)

370. CHOREOGRAPHY AND COMPOSITION 4
Methods of choreography and dance notation. Emphasis on theoretical and creative concepts. (Permission of instructor required.) Four year cycle.

401. DANCE FOR MUSICAL THEATRE 2
Prerequisite: DANC 101, 201. Advanced class in dance as the medium pertains to musical theatre. Alternate years, spring. HUMANITIES PERFORMANCE

Trek (TR)

Director of First-Year Trek Program: Hamming
Office of Intercultural Engagement: Bruner-Tracey
Office of Community Engagement: Walker
Office of Career Services: Peters

From their first tentative steps on campus to their confident strides at graduation, Centenary students are guided along their unique academic journey by distinguished faculty dedicated to each student's academic achievement. Through rigorous study, critical inquiry, original research, collaboration, writing, speaking, community service, cultural engagement, and career explorations, students at Centenary acquire the knowledge and skills that prepare them for personal and professional success.

Grounded in the liberal arts, our academic program embraces courses in the humanities, the natural sciences, the social sciences, and the visual and performing arts. At the same time, we recognize the shifting landscape of our changing world, and so provide our students with the practical tools to navigate the challenges and opportunities that lay ahead. Trek is an intentional approach to higher education that combines the best traditions of the liberal arts with the real world knowledge and skills required of leaders in the 21st century.

First-Year Trek Courses

Centenary students begin their Trek in their first year with two courses designed to cultivate the habits of mind characteristic of a person educated in the Liberal Arts, including intellectual curiosity, critical inquiry, thoughtful and orderly communication, team-work, problem solving, and respectful engagement with others.

CREDO (TREK 115)

Credo is Latin. It means, "I believe." It's a creed, a code that guides our words and actions in the real world. This course, the first in a two-course sequence for first year students, allows students to explore their values and beliefs, particularly in the context of their academic ambitions. This is where your Trek begins, with an exploration of self and society and ample opportunities to develop the fundamental skills and insights that will best prepare you for the adventures ahead.

CHALLENGE (TREK 116)

Rapid technological developments, economic expansion, globalization, human-created changes to our environment, conflict. These are among the myriad factors that contribute to the complex global challenges we face in the world today. During their second semester of Trek, students select from a range of CHALLENGE seminars, each offering in-depth, research-driven investigations into some of the most pressing concerns of the 21st century. CHALLENGE seminars are led by innovative faculty who contribute their own passion and expertise to explorations of emerging and enduring challenges.

EXPERIENTIAL LEARNING THROUGH TREK

The experiential learning opportunities gathered under Trek (CAREER, COMMUNITY, CULTURE) serve as an interface between our students' academic lives and their lives beyond Centenary as working citizens, as contributors to their own communities, and as members of a global community. Courses, internships, and research opportunities designated as "experiential" offer personal, meaningful, and distinct experiences that connect classroom learning to practical living. Making such connections transforms learners into thinking doers.

Through the offices of Career Services, Community Engagement, and Intercultural Engagement, Trek provides students with opportunities to:

- Integrate experiential learning into our traditional academic context, so that students can link classroom learning with practical application.
- Understand that social interaction is an integral part of education.
- Recognize their roles as citizens and leaders responsible for meeting the challenges of an ever-changing world.
- Realize that personal reflection about their engagement with the world beyond the classroom can lead to real self-knowledge and social awareness.

COMMUNITY (TREK 151/153)

Membership in a thriving community is essential to our happiness. At Centenary, students learn the important role they play, as responsible citizens, in maintaining and improving the communities in which they live and work through the COMMUNITY component of Trek. Students have a number of pathways for fulfilling this requirement:

1. Successful completion of an approved service-learning internship, project, or opportunity (TREK 151).
2. Successful completion of the "Learning Through Community" course (TREK 153).
3. Successful completion of a COMMUNITY designated course (these are current and previous academic courses approved for COMMUNITY credit: BIOL 336, 412S, BIOL/NEUR 240, PSY 250, REL 200, SOC 310S (TREK 151).
4. Successful completion of a Module or Immersion Course that has been approved for COMMUNITY credit.

CAREER (TREK 250/251/253)

Through the CAREER component of Trek students develop critical career related skills, but also undertake systematic inquiry into and analysis of graduate programs or professions that they may pursue. Through this program, students gain critical self-knowledge, social awareness, and professional acumen. Students may earn CAREER Credit any of the following ways:

1. Successful completion of the CAREER Strategies (TREK 253) course.
2. Successful completion of a CAREER designated internship (TREK 251).
3. Successful completion of a CAREER designated course (ACCT 400, ART 400, BIOL 204, BUSN 400, COMM 473, CSC 400, ECON 400, ENGL 473, FIN 400, MUSM 400, PSC 208, PSY 205/473, REL 200, SOC 400, and THEA 444).
4. Successful completion of a CAREER designated guided research project (TREK 251).

CULTURE (TREK 300/351)

The CULTURE component of Trek provides opportunities for students to gain personal and intellectual insights through direct interaction with participants of a different culture. These experiences enable students to understand how their own culture's values, beliefs, heritage and history shape their views of those they encounter whether in the United States or abroad.

Students have four options to immerse themselves in the study of a culture that's different from mainstream culture. First, students may study internationally in a foreign culture. Second, students may study culturally distinct groups in the U.S. (such as the Amish or Native American reservations) who have substantially different regulations, norms, and ways of life from mainstream U.S. culture. Third, students may study subcultural groups who are part of mainstream culture (ethnic, racial, class, sexual identity, etc.) but differ significantly from mainstream cultural experience. If students choose this option, they must demonstrate that they will explore and analyze the differences between these groups, as well as how these groups are interrelated with the student's own culture.

Students may satisfy the CU requirement through any one of the following paths:

1. Successful completion of an approved International Exchange or Study Abroad opportunity (TREK 300).
2. Successful completion of an approved Intercultural Experience course or Independent Culture Project (TREK 351).
3. Successful completion of six hours of modern language study at or above the 300 level.
4. Successful completion of a Module or Immersion Course that has been approved for CULTURE credit.

Credo

115. CREDO

This course is the first in a two-course sequence for first year students, and allows students to explore their values and beliefs, particularly in the context of their academic ambitions. This course aims to cultivate the habits of mind characteristic of a person educated in the liberal arts, including intellectual curiosity, critical inquiry, thoughtful and orderly communication, and respectful engagement with others. Every Fall.

Challenge

116. CHALLENGE

This course, the second in a two-course sequence for first year students, is a special-topics seminar that address enduring and/or emergent questions/challenges. This course is intended to model the kinds of inquiry and analysis that are characteristic of the liberal arts mindset while also enhancing students' abilities to work together to solve problems. Every Spring.

Community

151. SERVICE-LEARNING.....0

Successful completion of a service-learning course, project, or opportunity, which must be pre-approved by the Trek Committee. Check with the Office of Community Engagement before beginning this requirement. A minimum of 30 clock hours of approved service-learning is required to receive credit for the program.

153. LEARNING THROUGH COMMUNITY 1

This course is designed to guide students to resources about the opportunities for service that exist in their community, help students discover and share their own skills, gifts and talents for service, as well as empower students to apply their own unique and positive impact on the greater community for social and economic development. Every semester.

Career

250. CAREER EXPLORATION.....0

An exploration of career options. Corequisite of a college-approved course or program designed to satisfy the career requirement

251. INDEPENDENT CAREER EXPLORATION AND INTERNSHIPS 0

Applied experience in a workplace environment. The program or project must be approved by the Trek Committee and coordinated through the Office of Career Services. A minimum of 80 hours in the workplace is required to satisfy the Career component of Trek.

253. CAREER STRATEGIES 2

This course is designed to increase awareness of the career planning process, explore career choices and expand understanding of the relationship between formal education and the workplace. Emphasis will be placed on self-assessment, career decision-making, undertaking the job search, issues related to hiring and the workplace, and the graduate school admissions process. Every semester.

Culture

300. STUDY ABROAD (CREDIT EVALUATED) 0
Centenary-approved enrollment in courses pursued abroad. Credit will be assigned on an individual basis to the appropriate department based on an evaluation of the student's completed course work.

351. INTERCULTURAL EXPERIENCE 0
An introduction to another culture. Corequisite of a college-approved course or program designed to satisfy the intercultural requirement. A minimum of 45 hours locally or 14 days internationally is required to satisfy the Culture component.

Wellness and Athletics (WAC)

Director: Bunnell

Course Descriptions (WAC)

101. SPORT SKILLS AND TECHNIQUES I 1,1
Activity course for individuals interested in developing and practicing the skills and techniques of basketball, baseball, golf, gymnastics, lacrosse, softball, or tennis. Students can earn up to 4 credits in WAC 101 and 102 combined for credit (pass-fail). This course is open to all students. Fall semester.

102. SPORT SKILLS AND TECHNIQUES II.....1,1
Activity course for individuals interested in developing and practicing the skills and techniques of soccer, swimming, or volleyball. Students can earn up to 4 credits in WAC 101 and 102 combined for credit (pass-fail). This course is open to all students. Spring semester.

Enrichment Opportunities

The Centenary Mentor Program

In keeping with its traditional quest for academic excellence, Centenary College has instituted a special program for gifted students who are dedicated scholars. These students will be groomed for such awards as Rhodes, Rotary, and Fulbright Scholarships, and for prestigious graduate school fellowships. Those interested in this program may select specific faculty members as their mentors and, if approved, will work as protégés and junior colleagues on special scholarly and professional projects. Further information is available through the Provost and Dean of the College.

In keeping with its aim to provide breadth as well as depth in the student's academic experience, Centenary offers a variety of off-campus, exchange, travel, and field study programs. Additional information on any of the following may be obtained from the Provost and Dean of the College.

International Exchanges

Centenary offers a variety of educational exchanges for one or two semesters abroad. These educational exchanges provide a cost-effective way to study abroad because the student's financial aid package applies to the cost of tuition during the semester(s) abroad. Centenary students may accrue Passport Points to help offset the cost of the international air ticket. Participating institutions include: University of Applied Science, Dresden, Germany; University of Aarhus, Denmark; Aarhus School of Business, Denmark; Catholic University of Lille, France; Lingnan University, Hong Kong; Queens University, Belfast, Ireland; University of Ulster, Ireland, St. Mary's University, Belfast, Ireland; Belfast Institute of Further and Higher Learning, Ireland, all institutional members of the MISEN consortium of colleges and universities and the Methodist Institution of Izabela Hendrix. Contact the Office of Intercultural Engagement for more information.

MICEFA Exchange

Mission Interuniversitaire de Coordination des Echanges Franco-Americains exchange program provides students a unique opportunity to attend classes at participating French universities in Paris, Toulouse, or Lille, including participation in a three week orientation session. This exchange offers another cost-effective way to study abroad because the student's financial aid package applies to tuition during the semester abroad. Centenary students may apply for an international travel grant to help offset the cost of the international air ticket. For more information, contact Dr. Dana Kress or the Office of Intercultural Engagement.

British Studies at Oxford Program

Centenary's membership in the Associated Colleges of the South (ACS), an educational consortium, enables Centenary students to participate in the British Studies at Oxford program during the summer. Each year a different period of Britain's historical and cultural development is studied under the direction of some of England's leading scholars. Students live and study at St. John's College, Oxford, and have the opportunity to travel throughout Great Britain. Students who successfully complete this program receive course credit from Centenary. For more information, contact the Office of Intercultural Engagement.

The Intercollegiate Center for Classical Studies in Rome, Italy

Centenary College is a member of a consortium of American and Canadian colleges and universities that offer instruction in Classical Studies. Applications for the spring term are due by October 31st and applications for the fall term are due by April 15th. Contact Dr. Dana Kress in the Foreign Languages department or the Office of Intercultural Engagement.

Oak Ridge Semester

A fall semester of study and research at the Oak Ridge National Laboratory is available to qualified upper class majors in mathematics, and physics, through the Associated Colleges of the South. Students selected for the program receive free housing and a stipend that can be applied toward tuition and other expenses.

CODOFIL

Centenary College is a member of the Consortium of Louisiana Universities and Colleges of CODOFIL (the Council for the Development of French in Louisiana). The Consortium sponsors a variety of summer study programs in Belgium, Canada, France and Senegal. Centenary students regularly receive scholarships for these month-long programs from the French, Belgian, and Canadian governments. Academic credit earned in this way is accepted as "in residence" credit hours by Centenary. Preference is given to French Liberal Arts and French Education major. Centenary students may accrue Passport Points to help offset the cost of the international air ticket. For more information, contact Dr. Dana Kress or the Office of Intercultural Engagement.

Washington Semester Program

Selected students are permitted to spend one semester of their junior year at the School of Government and Public Administration of the American University in Washington, D.C. The purposes of the program are to provide an opportunity for students to observe their government in action, to perform individual research under careful supervision, and to exchange ideas with students from other institutions. Participating students work on an individual project selecting three courses to complete the program. Projects and courses are chosen in consultation with the faculty advisor, and full credit for the semester is granted by Centenary.

OTHER EDUCATIONAL RESOURCES

The Center for Family-Owned Business

The mission of Centenary's Center for Family-Owned Business is to develop programming relevant to the continuity and health of the family business within our region of the south. The education and training programs offered focus on strategic planning, growth strategies, succession planning, and the legal, management, and financial issues that are unique to the family-owned enterprise. The Center creates and nurtures a network for family business members to meet, share, and act on problems and opportunities. In addition, the Center serves to recognize the vital role that the family-owned enterprise plays in our economy. Three core programs are presented to the members of The Center for Family-Owned Business each year. Contact: The Frost School of Business, Office of the Dean. centenary.edu/family

Faculty 2018-2019

(The date in parentheses indicates the first appointment to the Faculty.)

Laura Addington ..... *Lecturer in Spanish*
B.S., Centenary College of Louisiana, 1983; M.L.A., Louisiana State University, 2002; M.Ed., Louisiana State University, 2003. (1999)

Janice Aiken ..... *Lecturer in Music*
B.M., Conservatory of Music Cincinnati, 1978; M.Mus., Conservatory of Cincinnati, 2003. (2008)

Jessica E. D. Alexander ..... *Assistant Professor of Psychology*
B.A., Hendrix College, 2003; M.A., 2005, Ph.D., 2009, Emory University. (2014)

Bruce Allen ..... *Professor of Art*
B.A., 1975, B.S., 1977, Centenary College; M.F.A., University of Wyoming, 1981. (1983)

Christopher Allen ..... *Lecturer in Music*
B.M, Webster University, 1984. (2006)

Andia Augustin-Billy ..... *Assistant Professor of French and Francophone Studies*
B.A., Lee University, 2002; M.A., 2009, Ph.D., 2015, Washington University in St. Louis. (2015)

David B. Bieler ..... *Associate Professor of Geology and Chair of the Department*
A.B., Oberlin College, 1971; A.M., Dartmouth College, 1974; Ph.D., University of Illinois, 1983. (1988)

Adam T. Blancher..... *Lecturer in Psychology*
B.A., Centenary College of Louisiana, 2002; M.S., University of Louisiana at Monroe, 2004; M.A., Louisiana Tech University, 2009; Ph.D., Louisiana Tech University, 2011. (2012)

M. Katherine Brandl ..... *Associate Professor of Mathematics*
B.A., University of California, Santa Cruz, 1995; M.S., 1997; Ph.D., 2001, University of Oregon. (2001)

Christopher Brown..... *Instructor and Archivist*
B.A., Centenary College, 2001; M.L.I.S., Louisiana State University, 2009. (2010)

Leon Brown..... *Lecturer in Music*
A.B., Stanford University, 1979; M.A., San Jose State at California, 1992. (2006)

Scott E. Chirhart ..... *Professor of Biology*
B.S., Southwestern University, 1998; Ph.D., Texas A&M University, 2003. (2003)

Christopher S. Ciocchetti..... *Associate Professor of Philosophy and Chair of the Department*
B.Phil, Cornell College, 1995; M.A., 1997, Ph.D., 2000, University of Kentucky. (2001)

Laura Crawford ..... *Lecturer in Music and Director of the Suzuki Violin School*
B.M., 1975, M.M., 1976, University of Texas. (1980)

Barbara J. Davis ..... *Professor of Accounting and Finance*
B.S., 1977, M.B.A., 1984, Louisiana State University in Shreveport; C.P.A.; C.I.A.; C.F.A.; D.B.A., Louisiana Tech University, 1995. (1986)

Loren Demerath ..... *Professor of Sociology and Chair of the Department*
B.A., University of Massachusetts, Amherst, 1986; M.A., 1992, Ph.D., 1995, Indiana University. (1997)

John Dogbey..... *Assistant Professor of Economics*
B.A., University of Ghanna, 2002; M.A., Youngstown University, 2005; Ph.D., West Virginia University, 2009. (2019)

Amanda Donahoe.....*Assistant Professor of Political Science*
B.A, Utah State University, 2000; M.A., School of International Service, American University, 2004; Ph.D, University of Denver, 2013. (2018)

James Eakin..... *Assistant Professor of Music*
B.M., Centenary College, 2000; M.M., Southern Methodist University, 2003; D.M.A., University of Missouri-Kansas City, 2007. (2017)

Chad R. Fulwider..... *Associate Professor of History and Chair of the Department*
B.A., East Tennessee State University, 1998; M.A., Florida International University, 2000; Ph.D., Emory University, 2008. (2009)

Adrienne Gabriel ..... *Lecturer in Music*
B.M., New England Conservatory, 1979. (1998)

Michelle Glaros..... *Professor of Art*
B.A., University of North Florida, 1988; M.A., 1991; Ph.D., University of Florida, 1996. (2003)

Josephine K. Glorioso ..... *Lecturer in Theater*
B.A., Centenary College of Louisiana, 1973; MFA, Southern Methodist University, 1976. (2003)

Jeanne Hamming..... *Professor of English and Director of First Year Program*
B.A., Grand Valley State University, 1995; M.A., 1997; Ph.D., 2003, West Virginia University. (2003)

Amy J. Hammond ..... *Associate Professor of Psychology and Chair of the Department*
B.A., University of California, 1991; M.A., Rice University, 1996; M.A., 2003, Ph.D. 2005, University of Chicago. (2000-04) (2006)

David Long Havird..... *Professor of English*
B.A., 1974, M.A., 1976, University of South Carolina; Ph.D., University of Virginia, 1986. (1988)

Jessica Hawkins..... *Associate Professor of Communications and Chair of the Department*
B.S., Harding University, 2004; M.F.A., Louisiana Tech University, 2011. (2011)

Fredric Jefferson Hendricks ..... *Professor of English and Chair of the Department*
B.A., Centenary College, 1975; M.A., 1976, Ph.D., 1983, University of Illinois. (1983)

Michael Hicks ..... *Assistant Professor of Education*
B.A., Morehouse College, 1995; M.A., Louisiana Tech University, 2006; Ed.D, Louisiana Tech University, 2014 (2018)

David J. Hoaas..... *Professor of Economics*
B.S., Bemidji State University, 1982; M.A., 1983, Ph.D., 1986, Duke University. (1986)

David A. Hobson..... *Director of Choral Activities and the Centenary College Choir*
B.M., Centenary College, 1998; M.S.M., Emory University, 2003; D.M.A., Louisiana State University, 2010. (2007)

Christopher L. Holoman..... *President of the College*
B.A., University of North Carolina at Chapel Hill, 1979, M.A., The University of Chicago, 1984, PhD., The University of Chicago, 1991 (2016)

Don Hooper ..... *Professor of Theatre and Speech and Chair of the Department*
B.S., East Texas State University, 1980; M.F.A., Southern Illinois University, 1982. (1987)

Terrence L. Hopkins..... *Lecturer in Education and Music*
B.M.E., Northwestern State University, 1977; M.M., Northwestern State University, 1989 (2012)

Sally Hundemer ..... *Lecturer in Music*
B.M., Cleveland Institute of Music, 1971. (1990)

Thomas Hundemer ..... *Lecturer in Music*
B.M., University of Southern Mississippi, 1976; M.A., University of Iowa, 1978. (1988)

Donald C. Jagot..... *Lecturer in Business*
B.S., Louisiana State University - New Orleans, 1967; M.B.A., Tulane University, 1986 (2006)

Jeffrey D.J. Kallenberg..... *Playwright-in-Residence*
B.A., Columbia University, 2003. (2005)

Kinsey Cotton Kelly ..... *Assistant Professor of Physics*
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Dana Kress ..... *Professor of French and Chair of the Foreign Language Department*
B.A., University of Tennessee, Knoxville, 1976; M.A., University of Tennessee, 1985; Ph.D., Vanderbilt University, 1992. (1992)

Michael Laffey ..... *Instructor of Communication and English*
B.A., University of Minnesota, 1993; M.A., University of Florida, 1997. (2016)

Joshua D. Lawrence ..... *Associate Professor of Chemistry*
B.S., Rhodes College, 1998; Ph.D., University of Illinois at Urbana-Champaign, 2002. (2005)

Mark Leeper..... *Assistant Professor of Political Science*
B.A., University of Nebraska-Lincoln, 1986; M.A., University of North Carolina at Chapel Hill, 1989; Ph.D., University of North Carolina at Chapel Hill, 1995. (2016)

Emily Leithauser..... *Assistant Professor of Literature and Creative Writing*
A.B., Harvard University, 2005; MFA, Boston University, 2008; Ph.D., Emory University, 2016 (2018)

Sharon D. Little..... *Visiting Assistant Professor of Education*
B.S., Louisiana State University, 1971; M.Ed., University of New Orleans, 1976; Ph.D., University of New Orleans, 1997. (2006)

Kenneth Morrow ..... *Lecturer in Business*
B.S., Centenary College of Louisiana, 1999 (2013)

Ruipu Mu..... *Assistant Professor of Chemistry*
B.S., Tianjin University, 2009; PhD, University of Missouri, 2015 (2017)

Maureen Murov..... *Associate Professor of Spanish*
B.A., Smith College, 1992; M.A., 1994; M. Phil., 1996, Ph.D., 1998, Yale University, (1999)

Rebecca Murphy..... *Associate Professor of Biology and Chair of the Department*
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George Newtown ..... *Professor of English*
B.A., University of Arkansas , 1969; M.Phil., 1972, Ph.D., 1979, Yale University. (1990)

Lisa J. Nicoletti ..... *Professor of Art*
B.A., Augsburg College, 1990; M.A. (English) University of Minnesota, 1993; M.A. (Art History) (1994), Ph.D., University of Wisconsin-Madison, 1999. (1999)

David D. Otto ..... *Professor of Religious Studies and Chair of the Department*
B.A., Centenary College, 1983; M.A., Scarritt Graduate School, 1985; Ed.D., Vanderbilt University, 1990. (1990)

Chandra P. Pokhrel ..... *Assistant Professor of Physics*
B.E., Kathmandu University, 1992; M.A., Ryerson University, 2013; Ph.D., Kent State University, 2009. (2014)

Elizabeth L. Rankin ..... *Professor of Economics*
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James Reid..... *Assistant Professor of Mathematics*
B.S., Angelo State University, 2011; PhD, University of North Texas, 2017 (2017)

Jarret K. Richardson..... *Assistant Professor of Neuroscience*
B.S., Tarleton State University, 2005; Ph.D., Texas A&M University, 2013. (2014)

Kyle G. Ristig..... *Assistant Professor of Management*
D.B.A., Louisiana Technical University, 2004. (2005)

Cindy Sadler..... *Artist in Residence*
B.M., University of Texas at Austin, 1990. (2017)

Dominic Salinas ..... *Lecturer in Education*
B.S., Louisiana State University-Shreveport, 1977; M.S., Louisiana Tech University, 1982; Ed.D., Vanderbilt University, 1982; Ph.D., Vanderbilt University, 1998. (2010)

Michael Scarlato.....*Lecturer in Music*
B.M., Centenary College, 1977; M.M., University of Miami, 1982. (2000)

Steven R. Shelburne .....*Professor of English*
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Samuel C. Shepherd, Jr. .....*Professor of History*
B.A., University of Delaware, 1970; M.A., 1972; Ph.D., 1980, University of Wisconsin. (1980)

Helen B. Sikes ..... *Professor of Accounting*
B.S., Louisiana State University-Shreveport, 1984; C.P.A., 1984; M.B.A., Louisiana Tech University, 1989; C.M.A., 1991; D.B.A., Louisiana Tech University, 1995. (1990)

Michael Logan Sledge.....*Assistant Professor of Theatre*
M.F.A., California State University-Fullerton, 2003 (2013)

Ross E. Smith .....*Associate Professor of Music*
B.M., Brigham Young University, 1992; M.M., 1994, D.M.A., 1997, The University of Michigan. (1997)

Karen Soul ..... *Associate Professor of Education, Chair of the Department, and Vice Provost for Academic Affairs*
B.A.S., University of Minnesota Duluth, 1994; M.Ed., 1998; Ph.D., University of Texas at Austin, 2005. (2003)

Jennifer Stokes.....*Assistant Professor of Biology*
B.S., The University of Texas at Austin, 2006; Ph.D., University of California, 2013. (2017)

Chandler Teague..... *Lecturer in Music*
B.M., Centenary College, 1974. (1979)

David E. Thomas.....*Professor of Mathematics and Chair of the Department*
B.S., Southeastern Louisiana University, 1969; M.S., 1973, Ph.D., 1974, Tulane University. (1974)

Thomas M. Ticich .....*Professor of Chemistry and Chair of the Department*
B.S., Cook College, Rutgers University, 1982; Ph.D., University of Wisconsin, 1988. (1994)

Kristina Vaska-Haas..... *Lecturer in Music*
B.M., SUNY Potsdam, 1982; M.M., Northern Illinois University, 1984. (1991)

Scott Vetter ..... *Professor of Geology*
B.S., Millersville University, 1981; M.S., North Carolina State University, 1984; Ph.D., University of South Carolina, 1989. (1989)

Jenifer K. Ward .....*Provost and Dean of the College*
B.A., Hendrix College, 1980; Ph.D., Vanderbilt University, 1992. (2014)

Hollice Watson..... *Lecturer in Music*
B.M., Birmingham-Southern College, 1983; M.M., Eastman School of Music, 1984; D.M.A., Eastman School of Music, 1987. (2002)

Kathrine R. Weeks.....*Assistant Professor of Chemistry*
B.S., Centenary College of Louisiana, 2005; Ph.D., Louisiana State University Health Sciences Center, 2010. (2014)

Barzanna White .....*Lecturer in Education*
B.S., Louisiana State University-Shreveport, 1986; SSP, Louisiana State University-Shreveport, 1989; Ph.D., University of Tennessee-Knoxville, 1996. (2011)

Cory Wikan ..... *Assistant Professor of Music and Acting Dean of the Hurley School of Music*
B.A., Luther College, 1999; M.M., Northwestern University, 2002; D.M.A., Boston University, 2014. (2012)

Michelle J. Wolkomir ..... *Professor of Sociology*
B.A., Dickinson College, 1988; M.A., 1991; Ph.D., 1999, North Carolina State University. (2000)

Christy J. Wrenn ..... *Instructor and Director, Magale Library*
B.A., Louisiana Tech University, 1975; M.L.S., Louisiana State University, 1979. (1982)

Theresa Zale-Bridges ..... *Lecturer in Music*
B.M., Northwestern University, 1985; M.M., Eastman School of Music, 1988. (1990)

Peter Zunick.....*Assistant Professor of Psychology*
B.A., Hendrix College, 2008; M.A., The Ohio State University, 2012; Ph.D., The Ohio State 0University, 2017 (2017)

Endowed Chairs

T. L. James Eminent Scholars Endowed Chair of Religion

In 1975, T. L. James and Company, Inc. of Ruston, Louisiana, endowed a Chair of Religion in memory of T. L. James, a long-time supporter of Centenary College and the United Methodist Church. In 1993, additional gifts to the endowment were matched with an award from the Louisiana Board of Regents Endowed Chairs for Eminent Scholars Program, which was established in 1987.

The Gus S. Wortham Chair of Engineering

The Gus S. Wortham Chair of Engineering was established in 1977 by the Brown Foundation of Houston in honor of Gus S. Wortham, a Houston business and civic leader.

Samuel Guy Sample Endowed Chair of Business Administration

The Samuel Guy Sample Chair of Business Administration was established in 1983 by members of Mr. Sample's family in his honor. Mr. Sample was a pioneer in the early twentieth-century business world of North Louisiana.

The Mary Warters Chair of Biology

The Mary Warters Chair of Biology was established in 1984 by friends and former students of Dr. Warters, including many physicians and dentists who wished to recognize the excellence she exhibited in her teaching.

Ed E. and Gladys Hurley Endowed Chair of Music

The Ed and Gladys Hurley Chair of Music was endowed through a trust fund in 1984. This Chair epitomized the generous support and leadership of the Hurleys over many years in their relation to Centenary's Hurley School of Music.

George A. Wilson Eminent Scholars Endowed Chair of American Literature

The George A. Wilson Chair of American Literature was endowed in 1988 through a trust fund established by the late George A. Wilson, a Centenary alumnus, and support from the Louisiana Board of Regents Endowed Chairs for Eminent Scholars Program.

Velma Davis Grayson Eminent Scholars Endowed Chair of Chemistry

The Velma Davis Grayson Chair of Chemistry was endowed in 1988 through an endowment provided by a bequest from the estate of Velma Davis Grayson, and support from the Louisiana Board of Regents Endowed Chairs for Eminent Scholars Program.

Caroline and Ed Crawford Chair of Liberal Arts

The Chair of Liberal Arts was established in 1989 to provide enhancement, promotion, and support of liberal education. The endowment was made possible by the Crawford family and support from the Louisiana Board of Regents Endowed Chairs for Eminent Scholars Program.

Mattie Allen Broyles Inaugural-Year Eminent Scholars Endowed Chair

The Mattie Allen Broyles Inaugural-Year Chair was established in 1994 through an endowment provided by Mr. and Mrs. Harvey Broyles and with support from the Louisiana Board of Regents Endowed Chairs for Eminent Scholars Program. In commemorating Mr. Broyles' mother, the donors wished to assist the college in recruiting faculty of the highest caliber by supporting a rotating chair that would help new professors establish their research programs at Centenary College.

Arthur and Emily Webb Eminent Scholars Endowed Chair of International Studies

The Arthur and Emily Webb Chair of International Studies was established in 1994 through an endowment provided by Mr. and Mrs. Harvey Broyles and support from the Louisiana Board of Regents Endowed Chairs for Eminent Scholars Program. The Chair honors the parents of Donald Webb, President Emeritus of Centenary College, and on a rotating basis supports faculty in teaching and conducting research related to international studies.

Charles T. Beaird Endowed Chair of Philosophy

The Charles T. Beaird Chair of Philosophy was established in 1993 by Dr. Charles T. Beaird, Shreveport businessman, journalist, and teacher of philosophy, in an expression of his high esteem for the discipline of philosophy and his recognition of its centrality in a liberal arts education. While focusing on philosophy as a primary mission, the Chair has a secondary focus on mathematics and/or the sciences and seeks to develop linkages and innovative programs with those disciplines.

Rudy and Jeannie Linco Eminent Scholars Endowed Chair of Business

The Rudy and Jeannie Linco Eminent Scholars Chair of Business was established in 1995 with a bequest from the estate of Mr. and Mrs. A.J. "Rudy" Linco and support from the Louisiana Board of Regents Eminent Scholars program in memory of the Lincos' entrepreneurial successes.

Allen Harvey Broyles Eminent Scholars Endowed Chair of Science Education

The Allen Harvey Broyles Eminent Scholars Chair of Science Education was established in 1995 through an endowment provided by Alberta Broyles in memory of her husband and support from the Louisiana Board of Regents Endowed Chairs for Eminent Scholars Program.

Mary Amelia Douglas-Whited Eminent Scholars Endowed Chair of Neurobiology

The Mary Amelia Douglas-Whited Eminent Scholars Chair of Biology was established in 1996 through an endowment provided by Edwin F. Whited in memory of his wife, a philanthropist and civic leader, and support from the Louisiana Board of Regents Endowed Chairs for Eminent Scholars Program.

R.Z. Biedenharn Eminent Scholars Distinguished Chair of Communication

The Biedenharn family established the R.Z. Biedenharn Eminent Scholars Chair in Communication in honor of civic and business leader R. Zehtner Biedenharn. An award from the Louisiana Board of Regents Endowed Chairs for Eminent Scholars Program matched the Biedenharns' gift in 1999 as one of the first super chairs in the state, funded at twice the minimum requirement for endowed chairs.

Bill and Sarah James Eminent Scholars Endowed Chair of Psychology

The Bill and Sarah James Eminent Scholars Chair of Psychology was established in 2001 through an endowment provided by the James family and support from the Louisiana Board of Regents Endowed Chairs for Eminent Scholars Program. Bill and Sarah James of Ruston are remembered as servant-leaders who improved many lives through their works.

Albert Sklar Eminent Scholars Endowed Chair of Chemistry

The Albert Sklar Eminent Scholars Chair of Chemistry was established in 2001 through an endowment provided by the Sklar family and support from the Louisiana Board of Regents Endowed Chairs for Eminent Scholars Program. Albert Sklar of Shreveport was an astute businessman who figured prominently in the advancement of Centenary College and the Shreveport-Bossier community.

William E. Steger Endowed Chair of Entrepreneurship and Free Enterprise

The gift endowing this Chair was given to honor the memory of Centenary alumnus Bill Steger, who graduated from the College in 1941 and went on to have a decorated career in the military and at the U.S. Department of the Treasury.

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B.M., Centenary College, 1961; B.C.M., Southern Baptist Seminary, 1963; M.M., East Carolina University, 1969; D.M., Florida State University, 1971. (1974-2007)

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B.S., 1978, M.S., 1980, Stephen F. Austin State University; Ph.D., Johns Hopkins University, 1987. (1992-2007)

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B.S., 1968, M.Ed., 1972, Northwestern State University of Louisiana; Ed.D., East Texas State University, 1981. (1981-2005)

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B.S., Spring Hill College, 1960; M.S., Mississippi State University, 1970; Ph.D., University of Texas at Austin, 1972. (1985-2016)

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B.A., Williams College, 1954; M.M., University of Michigan, 1957. (1960-2002)

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B.A., Centenary College, 1964; M.A., Syracuse University, 1967. (1975-2008)

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Edwin E. Leuck II ..... *Professor Emeritus of Biology*
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A. Bradley McPherson ..... *Professor Emeritus of Biology*
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B.S., Purdue University, 1969; M.Ed., University of North Carolina-Greensboro, 1972, Ed.D., Indiana University, 1978. (1991)

Rosemary Seidler ..... *Professor Emerita of Chemistry*
B.S., Loyola University, 1961; Ph.D., Tulane University, 1966. (1966-2005)

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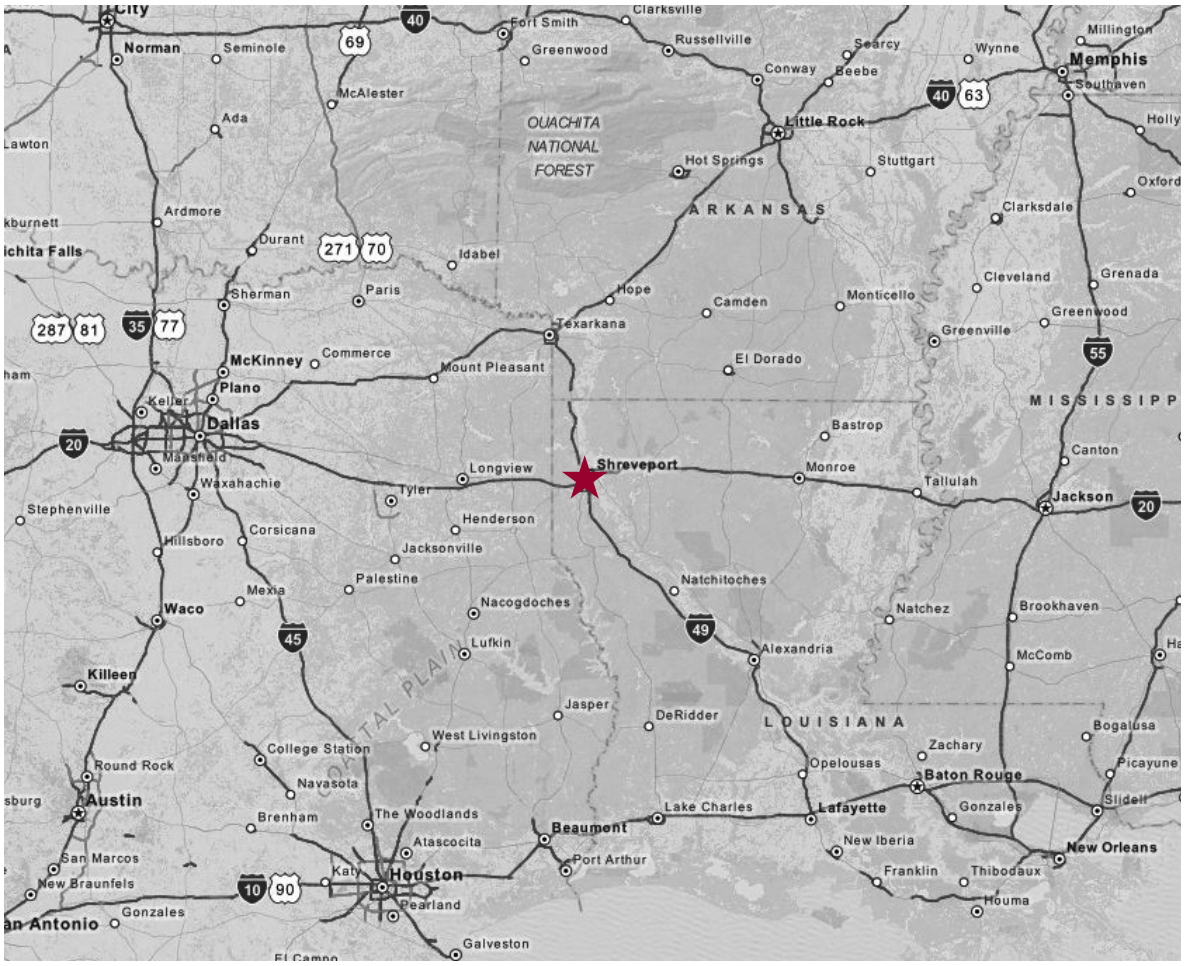

Location

Centenary College of Louisiana is located in the Shreveport-Bossier City area in the northwest corner of Louisiana near the Texas and Arkansas borders. Centenary's campus is within easy driving distance from many major cities in the region.

Shreveport-Bossier City

The Shreveport-Bossier metro area uniquely combines Texan and Cajun heritage, which makes for great cuisine, music, and art. Home to Southern charm and a relaxed attitude, Shreveport-Bossier has a little something for everyone.

Attend a ballet or symphony performance at Riverview Hall or explore the unique Louisiana Boardwalk for shopping and entertainment, and you will soon understand why nearly 400,000 people love to call this area home.

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